

# **CONSOLIDATED® SAFETY RELIEF VALVE**

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## **PARTS REFERENCE MANUAL**

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**Information herein is not warranted. Data presented represents best information and compilation that is possible at time of publication. Parts listed herein should be reconfirmed with Dresser at time of order.**

## Safety Relief Valve Parts Reference Manual REVISION SHEET

Revisions made to this instruction are listed in detail and chronological order.

DATE	REV. NO.	DESCRIPTION
12/16/02	1	<b>Section 5a, page 7</b> – Corrected Disc holder material description to state 316 SS, was Inconel X750. <b>Section 1, page 27</b> – Changed RF Nozzle part number for 1912/14/16H to 0509003. Part was incorrectly listed as 0590003.
3/7/03	2	<b>Section 5b, page 6</b> – Corrected Disc holder part number for 19226M, was 4840895.
3/26/03	3	<b>Section 7, page 3</b> – Corrected Adjusting Ring Pin Gasket part number for 1 ½" 1982, was 3620112.
3/27/03	4	<b>Section 4, page 30</b> – Corrected Spindle part number for 1905K Conventional - P3. Part was listed as 1985501.
4/11/03	5	<b>Section 1, page 40</b> – Class II Parts, R.F. Nozzle: Added part numbers for 1914M. <b>Section 1, page 8</b> – Corrected part number for RJ Nozzle 1914/16D, was 4790405.
5/15/03	6	<b>Section 5a, page 8</b> – Changed Base-MNPT & Base-FNPT part numbers for all sizes. <b>Section 4, page 14</b> – Nozzle Raised Face, moved the dividing line to be between the 1916 & 1918.
3/20/04	7	<b>Section 1, page 23</b> – Inserted RJ Nozzle part number for 1918G. 1914G part was shown for both. <b>Section 1, page 25</b> – Corrected Guide part numbers for Conventional 316SS & Conventional Monel. <b>Section 1, p. 47</b> – 1912/14 Guide part number replaced, was 4068802. <b>Section 4, p. 11</b> – 1912/14/16 Guide part number was 4740608. <b>Section 4, p. 31, 35, 39, 43, 47, 51, 55, 59</b> – Replaced guide part numbers for Conventional and Bellows, all sizes. Listed former part in ( ) . <b>Section 4, p.30</b> – Spindle Assembly for 1905/06 P3 was 1985501. <b>Section 4, p.57</b> – Adjusting ring pin part number was 1077715. <b>Section 5b, p. 8</b> – Corrected typos on O-Ring Composite sheet, for all materials. <b>Section 5a, p.8</b> – Base MNPT part numbers changed to be the assembly part numbers. Base FNPT part numbers corrected – were listed as Low Pressure part numbers. <b>Section 7, p.3</b> – ½" and ¾" 1982, switched the Cap Gasket and Adj. Ring Pin gasket part numbers.

**Safety Relief Valve  
Parts Reference Manual  
REVISION SHEET**

Revisions made to this instruction are listed in detail and chronological order.

DATE	REV. NO.	DESCRIPTION
5/04/04	8	<b>Section 1, page 20</b> – Corrected 316 SS Disc holder part numbers (LA) - were 4626702, 4626703, & 4626704. <b>Section 5a, page 8</b> – Corrected Base MNPT, 316 SS part numbers were for all sizes.
9/13/04	9	<b>Section 5a, page 4</b> – Corrected Spring Washer part numbers for all sizes.
9/23/04	10	<b>Section 1, page 38</b> – Corrected Spindle part number 1914/1916. Was listed as 0379201.
1/15/05	11	<b>Section 1, page 12</b> – Adjusting screw locknut (316 SS, -2,-4) was 1049703. <b>Section 7, page 3</b> – Adjusting ring pin gasket for 1 ½" 1982 was 3620112. <b>Section 11, page 5</b> – Screwed Base for 1" 1996 was 4602501.
5/23/06	12	<b>Section 1, page 57</b> – Corrected spring washer for 1910T-4, was 0427301.
1/15/07	13	<b>Section 1, page 9</b> – Spindle part number in 410 St. St. for 1914/16 (Bellows Design -2, -4) was 0333101. <b>Section 11, page 4</b> – Disc holder for 1 ½" 1997 & 2" 1998 was 4465602.

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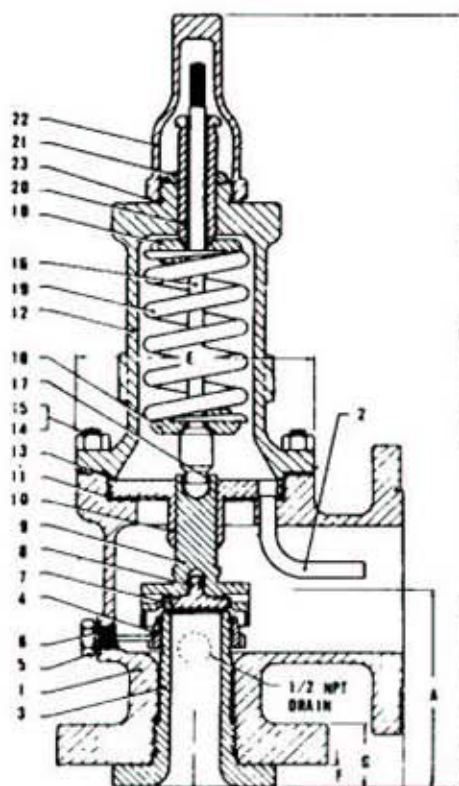
June 2002

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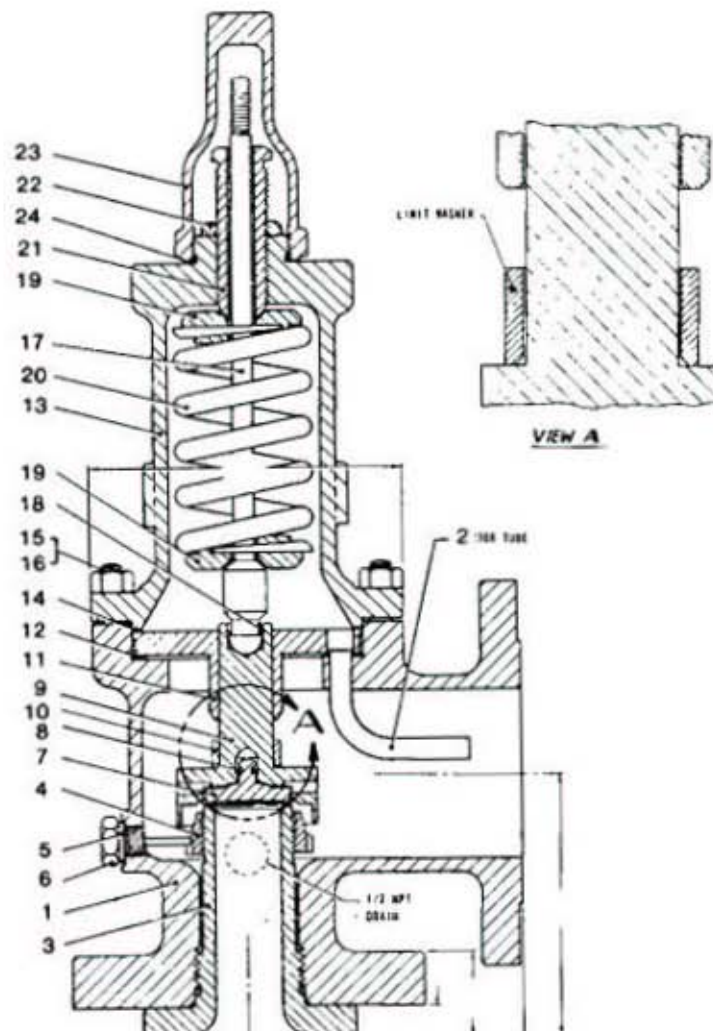
## 1900 SAFETY RELIEF VALVES CONVENTIONAL DESIGN



**1900**

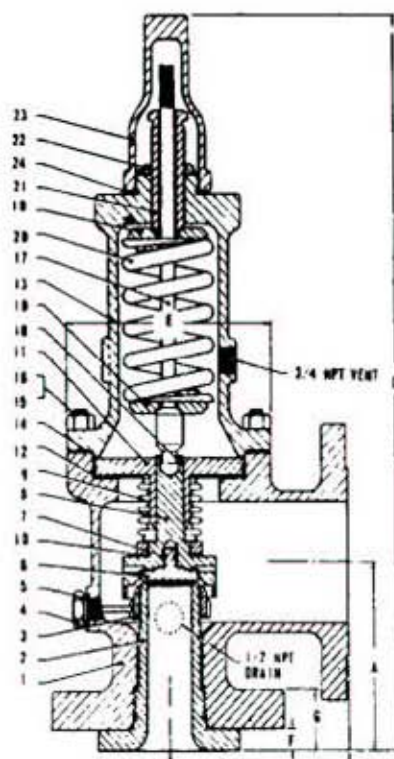
REF. NO.	NOMENCLATURE
1.	BASE 1905-1916 1920-1926
2.	EDUCTOR TUBE
3.	NOZZLE
4.	ADJUSTING RING
5.	ADJUSTING RING PIN RING PIN HEAD RING PIN STEM
6.	ADJUSTING RING PIN GASKET
7.	DISC
8.	DISC RETAINER
9.	DISC HOLDER
10.	GUIDE GUIDE SLEEVE GUIDE FLANGE
11.	GUIDE GASKET
12.	BONNET
13.	BONNET GASKET
14.	BASE STUD
15.	STUD NUT
16.	SPINDLE SPINDLE HEAD SPINDLE STEM
17.	SPINDLE RETAINER
18.	SPRING WASHER
19.	SPRING TYPES 1900 Kc TYPES 1900 K1
20.	ADJUSTING SCREW
21.	ADJUSTING SCREW NUT
22.	CAP
23.	CAP GASKET

## 1905 THROUGH 1910 & 1918 D & E (-2) CONVENTIONAL RESTRICTED LIFT DESIGN



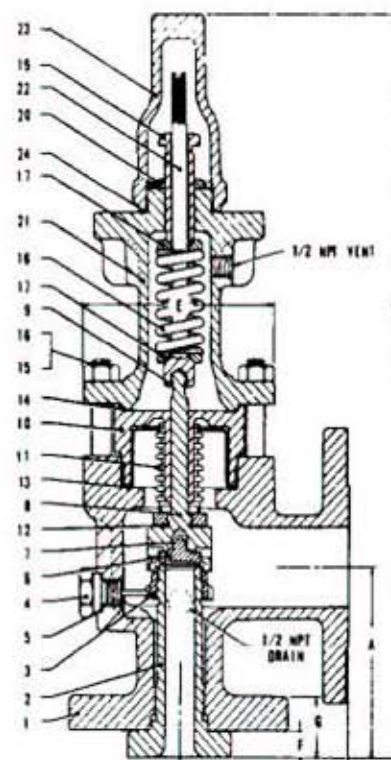
REF. NO.	NOMENCLATURE
1.	BASE
2.	EDUCTOR TUBE
3.	NOZZLE
4.	ADJUSTING RING
5.	ADJUSTING RING PIN
6.	ADJUSTING RING PIN
7.	GASKET
8.	DISC
9.	DISC RETAINER
10.	DISC HOLDER
11.	LIMIT WASHER
12.	GUIDE
13.	GUIDE GASKET
14.	BONNET
15.	BONNET GASKET
16.	BASE STUD
17.	STUD NUT
18.	SPINDLE
19.	SPINDLE RETAINER
20.	SPRING WASHER
21.	SPRING
22.	ADJUSTING SCREW
23.	ADJUSTING SCREW NUT
24.	CAP
25.	CAP GASKET

## 1900-30 SAFETY RELIEF VALVES BELLOWS DESIGN



1900-30

REF. NO.	NOMENCLATURE
1.	BASE 1905-30 -1916-30 1920-30 -1926-30
2.	NOZZLE
3.	ADJUSTING RING
4.	ADJUSTING RING PIN RING PIN HEAD RING PIN STEM
5.	ADJUSTING RING PIN GASKET
6.	DISC
7.	DISC RETAINER
8.	DISC HOLDER
9.	BELLOWS
10.	BELLOWS GASKET
11.	GUIDE GUIDE SLEEVE GUIDE FLANGE
12.	GUIDE GASKET
13.	BONNET
14.	BONNET GASKET
15.	BASE STUD
16.	STUD NUT
17.	SPINDLE SPINDLE HEAD SPINDLE STEM
18.	SPINDLE RETAINER
19.	SPRING WASHER
20.	SPRING TYPES 1900-30 jc TYPES 1900-30 jt
21.	ADJUSTING SCREW
22.	ADJUSTING SCREW NUT
23.	CAP
24.	CAP GASKET

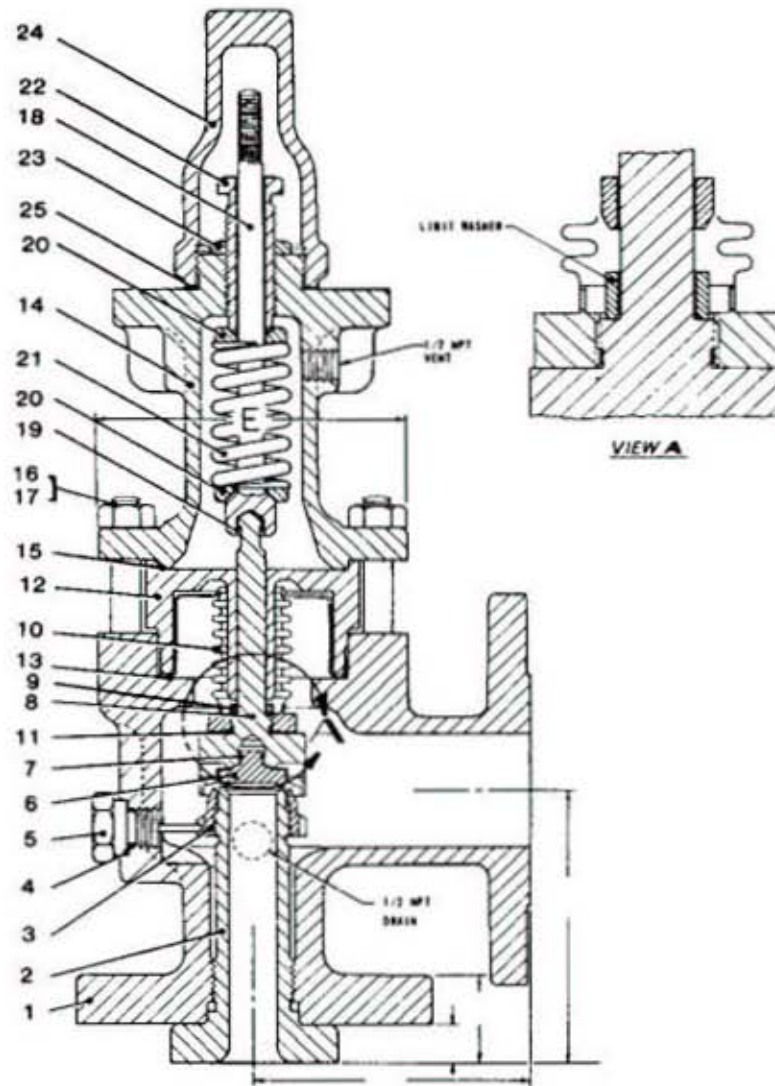


1900-30F  
1900-30G

REF. NO.	NOMENCLATURE
1.	BASE 1905-30 -1918-30 1920-30 -1928-30
2.	NOZZLE
3.	ADJUSTING RING
4.	ADJUSTING RING PIN RING PIN HEAD RING PIN STEM
5.	ADJUSTING RING PIN GASKET
6.	DISC
7.	DISC RETAINER
8.	DISC HOLDER
9.	SPINDLE RETAINER
10.	GUIDE
11.	BELLOWS
12.	BELLOWS GASKET
13.	GUIDE GASKET
14.	BONNET GASKET
15.	BASE STUD
16.	STUD NUT
17.	SPRING WASHER
18.	SPRING TYPES 1900-30 Fc TYPES 1900-30 Ft
19.	ADJUSTING SCREW
20.	ADJUSTING SCREW NUT
21.	BONNET
22.	SPINDLE SPINDLE HEAD SPINDLE STEM
23.	CAP
24.	CAP GASKET

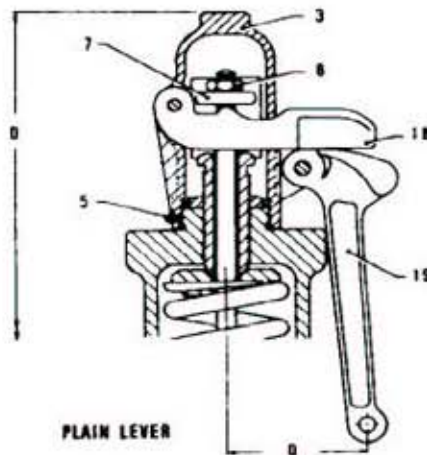
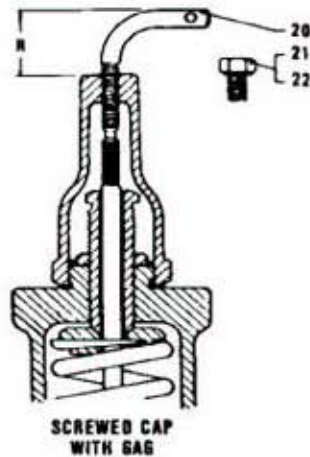


## 1905-30 THROUGH 1910-30 & 1918-30 D & E (-2) BELLOWS RESTRICTED LIFT DESIGN

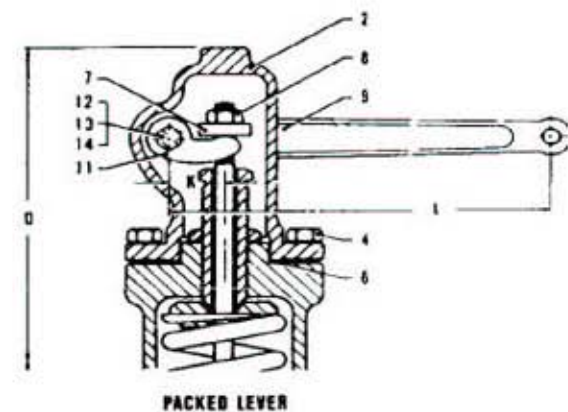
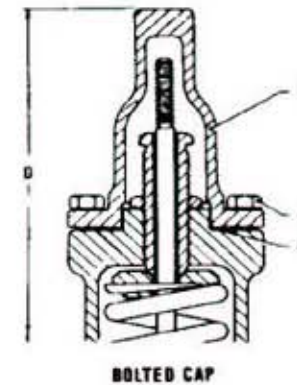


REF. NO.	NOMENCLATURE
1.	BASE
2.	NOZZLE
3.	ADJUSTING RING
4.	RING PIN GASKET
5.	ADJUSTING RING PIN
6.	DISC
7.	DISC RETAINER
8.	DISC HOLDER
9.	LIMIT WASHER
10.	BELLOWS
11.	BELLOWS GASKET
12.	GUIDE
13.	GUIDE GASKET
14.	BONNET
15.	BONNET GASKET
16.	BASE STUD
17.	STUD NUT
18.	SPINDLE
19.	SPINDLE RETAINER
20.	SPRING WASHER
21.	SPRING
22.	ADJUSTING SCREW
23.	ADJUSTING SCREW NUT
24.	CAP
25.	CAP GASKET

## CAPS



REF. NO.	NOMENCLATURE
1.	BOLTED CAP 1928 - 1928
	BOLTED CAP 1902
2.	PACKED CAP
3.	PLAIN CAP
4.	CAP BOLT
5.	CAP SET SCREW
6.	CAP GASKET
7.	RELEASE NUT
8.	RELEASE LOCK NUT
9.	LEVER
10.	LEVER
11.	LIFTING FORK
12.	LEVER SHAFT
13.	PACKING
14.	PACKING NUT
15.	PIPE
16.	WEIGHT
17.	EXTENSION ARM
18.	TOP LEVER
19.	DROP LEVER
20.	GAG
21.	SEALING PLUG
22.	SEALING PLUG GASKET



**RECOMMENDED SPARE PARTS - SAFETY RELIEF VALVES**  
**1900 CONVENTIONAL - 1900-30 BELLOWS**

SRV/SPRL - 1/02  
Effective June 2002  
Supersedes SRV / SPRL - 1/02  
Dated June 2002  
Section 1, Page 6

CLASS	PART NAME	C-CONVENTIONAL B-BELLOWS	QTY PARTS/SAME VALVES IN SERV. (MINIMUM)	QTY PARTS/SAME VALVES IN SERV. (MAXIMUM)	PREDICTED AVAILABILITY
I.	DISC BELLOWS ADJ. RING PIN DISC/SPDL RETAINER GASKET SET	C & B B C & B C & B C & B	1 / 5 1 / 5 1 / 5 1 SET / 5 1 SET / 5	1 / 3 1 / 3 1 / 3 1 SET / 3 1 SET / 3	70%
II.	NOZZLE DISC HOLDER SPINDLE STUDS, BASE NUTS, BASE STUD	C & B C & B C & B C & B C & B	1 / 10 1 / 10 1 / 10 1 SET / 10 1 SET / 10	1 / 5 1 / 5 1 / 5 1 SET / 5 1 SET / 5	85%
III.	GUIDE ADJUSTING RING SPRING ASSEMBLY (1) SPRING (1) SPRING WASHER (U) (1) SPRING WASHER (L)	C & B C & B  C & B C & B C & B	1 / 10 1 / 10  NOTE 2 NOTE 2 NOTE 2	1 / 5 1 / 5    	95%
IV.	COMPRESSION SCREW COMPRESSION SCREW LOCK NUT LIMIT WASHER NOTE (1) CAP (SELECT ONE) : 1. SCREWED 2. PLAIN LEVER ASM. (1) CAP ASM. (1) RELEASE NUT (1) LOCK NUT 3. PKD LEVER ASM. (1) CAP ASM (4) CAP BOLTS (1) RELEASE NUT (1) LOCK NUT	C & B C & B C & B  C & B C & B   C & B	1 / 10 1 / 10 1 / 10  NOTE 2 NOTE 2   NOTE 2	1 / 5 1 / 5 1 / 5      	99%

**Note 1:** Used only in 1905, 1906, and 1918 D & E Orifices, (-2) Design

**Note 2:** To be determined by plant operating history

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 1900 & 1900-30 SRV's

\* Standard Material

PART DESCRIPTION	CON. OR BELLOWS	1905 D	1906 D	1910 D	1912 D	1914 D	1916 D	1918 D
CLASS I								
1a.DISC (MS)								
316 SS* (-1) (-3)	C & B				4659701			
316 SS* (-2) (-4)	C & B				0292905			
Monel (-1) (-3)	C & B				4659702			
Monel (-2) (-4)	C & B				0292904			
Hastelloy C (-1) (-3)	C & B				4659703			
Hastelloy C (-2) (-4)	C & B				0292903			
1b.Disc-Thermo (TD) 616 SS* (-2) (-4)	C & B				4707901			
2. DISC RETAINER								
Inconel X750* (-1) (-2) (-3) (-4)	C & B				2410802			
3. SPINDLE RETAINER								
Inconel X750* (-1) (-3)	C & B				2410808			
Inconel X750* (-2) (-4)	C				2410809			
Inconel X750* (-2) (-4)	B				2410808			
4. ADJUSTING RING PIN								
316 SS* (-1) (-2) (-3) (-4)	C & B				1076416			
Monel (-1) (-2) (-3) (-4)	C & B				1076421			
Hastelloy C (-1) (-2) (-3) (-4)	C & B				1076422			
5. BELLOWS	B	SEE SEPARATE BELLOWS SELECTION INTERCHANGEABILITY CHART						
6. GASKETS	C & B	SEE SEPARATE COMPOSITE GASKET SHEET						
CLASS II								
7. NOZZLE (Raised Face) See Note (1)								
316 SS* (-1) (-3)	C & B		0375402			0513202		0377902
316 SS* (-2) (-4)	C & B		4615701			4712401		0334502
Monel (-1) (-3)	C & B							
Monel (-2) (-4)	C & B		4441803					
Hastelloy C (-1) (-3)	C & B		0375406			0513209		
Hastelloy C (-2) (-4)	C & B		4615709					

Note: [1] Bore size reflects requirements of 1978 ASME Code Revision. Valves shipped before 1978 may have different bore dimensions.

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 1900 & 1900-30 SRV's

**\*Standard Material**

PART DESCRIPTION	CON. OR BELLOWS	1905 D	1906 D	1910 D	1912 D	1914 D	1916 D	1918 D
CLASS II								
8. NOZZLE (Ring Joint) See Note [1]								
316 SS* (-1) (-3)	C & B	0376702		0375304		0513303		0377802
316 SS* (-2) (-4)	C & B	4443601		4443701		4790301		0333202
Monel (-1) (-3)	C & B	0376704		0375302		0513302		-
Monel (-2) (-4)	C & B	-		4443703		4790305		-
Hastelloy C (-1) (-3)	C & B			0375406				
Hastelloy C (-2) (-4)	C & B			4443704		4790306		
9. Disc Holder Low Pressure / Gas-Vapor Service								
316 SS* (-1) (-3)	C				0513104			
316 SS* (-2) (-4)	C				0521304			
316 SS* (-1) (-3)	B				1205802			
316 SS* (-2) (-4)	B				0521202			
Monel (-1) (-3)	C							
Monel (-2) (-4)	C				0521303			
Monel (-1) (-3)	B				1205807			
Monel (-2) (-4)	B				0521204			
Hastelloy C (-1) (-3)	C				0513106			
Hastelloy C (-2) (-4)	C				0521305			
Hastelloy C (-1) (-3)	B				1205803			
Hastelloy C (-2) (-4)	B				0521203			
10. Disc Holder High Pressure / Gas-Vapor Service								
316 SS* (-1) (-3)	C				0513104			
316 SS* (-2) (-4)	C				0512604			
316 SS* (-1) (-3)	B				1205802			
316 SS* (-2) (-4)	B				0512703			
Monel (-1) (-3)	C				0513102			
Monel (-2) (-4)	C				0512603			
Monel (-1) (-3)	B				1205804			
Monel (-2) (-4)	B				0512702			
Hastelloy C (-1) (-3)	C				1205803			
Hastelloy C (-2) (-4)	C				0512606			
Hastelloy C (-1) (-3)	B				1205803			
Hastelloy C (-2) (-4)	B				0512705			

**Note: [1] Bore size reflects requirements of 1978 ASME Code Revision. Valves shipped before 1978 may have different bore dimensions.**



## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 1900 & 1900-30 SRV's

\* Standard Material

PART DESCRIPTION	CON. OR BELLOWS	1905 D	1906 D	1910 D	1912 D	1914 D	1916 D	1918D
CLASS II								
11.Disc Holder-Liquid Service (LA) (Note 2)								
316 SS* (-1) (-3)	C				4807701			
316 SS* (-2) (-4)	C				4820401			
316 SS* (-1) (-3)	B				4806801			
316 SS* (-2) (-4)	B				4879801			
Monel (-1) (-3)	C							
Monel (-2) (-4)	C				4820405			
Monel (-1) (-3)	B							
Monel (-2) (-4)	B				4879804			
Hastelloy C (-1) (-3)	C							
Hastelloy C (-2) (-4)	C				4820402			
Hastelloy C (-1) (-3)	B							
Hastelloy C (-2) (-4)	B				4879803			
12.Spindle								
410 SS* (-1) (-3)	C & B	0180201		0294501		0333301		0341801
410 SS* (-2) (-4)	C	0296201		0340001	0339801	0270801		0292801
410 SS* (-2) (-4)	B	0180201		0294501	0333301	0331001		0341801
316 SS (-1) (-3)	C & B	0180204		0294503		0333303		0341803
316 SS (-2) (-4)	C	0296202		0340003	0339803	0270803		0292802
316 SS (-2) (-4)	B	0180204		0294503	0333303	0331003		0341803
Monel (-1) (-3)	C & B	0180206		0294505		0333304		0341805
Monel (-2) (-4)	C	0296206		0340004	0339805			
Monel (-2) (-4)	B	0180206		0294505	0333304			
Hastelloy C (-1) (-3)	C & B	0180208		0294512				
Hastelloy C (-2) (-4)	C	0296211		0340007	0339813			
Hastelloy C (-2) (-4)	B	0180208		0294512	0339309			

Note: [1] For (-2) Design, use Part No. 3262552

[2] "LS" was replaced by "LA" design and valves should be converted to "LA" design by changing Disc Holder & Adjusting Ring..consult factory

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 1900 & 1900-30 SRV's

\* Standard Material

PART DESCRIPTION	CON. OR BELLOWS	1905 D	1906 D	1910 D	1912 D	1914 D	1916 D	1918D
CLASS II								
13. Base Studs								
Alloy Steel* (-1) (-3)	C	3232228						3271646
Alloy Steel* (-2) (-4)	C	3232230				3232552		3271650
Alloy Steel* (-2) (-4)	B	3232230				3262552		
14. BASE STUD NUTS								
Class 2H Steel* each (-1) (-2) (-3) (-4)	C & B	2200204				2200204 [1]		2200207
CLASS III								
15. GUIDE								
316 SS* (-1) (-3)	C	4650502				4740701		0377503
316 SS* (-2) (-4)	C	4647602			4740101	4741701		4740501
316 SS* (-1) (-3)	B	0294903				0298203		0334802
316 SS* (-2) (-4)	B	0294903			0298203	0332303		0334802
Monel (-1) (-3)	C	0494901						
Monel (-2) (-4)	C	4647603			0496001			-
Monel (-1) (-3)	B	0294907				0298207		-
Monel (-2) (-4)	B	0294907			0298207	0332304		-
Hastelloy C (-1) (-3)	C	4650508						
Hastelloy C (-2) (-4)	C	4647618						
Hastelloy C (-1) (-3)	B	0294905				0298206		
Hastelloy C (-2) (-4)	B	0294905			0298206	0332306		
16. ADJUSTING RING (Note 3)								
316 SS* (-1) (-3)	C & B					0513005		
316 SS* (-2) (-4)	C & B					4601001		
Monel (-1) (-3)	C & B					0513009		
Monel (-2) (-4)	C & B					4601002		
Hastelloy C (-1) (-3)	C & B					0513007		
Hastelloy C (-2) (-4)	C & B					4601003		

Note: [1] For (-2) Design use Part No. 2200205

Note: [3] Excludes "LS" Design. When replacing "LS" Adjusting Ring, Disc Holder must be replaced.

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 1900 & 1900-30 SRV's

\* Standard Material

PART DESCRIPTION	CON. OR BELLOWS	1905 D	1906 D	1910 D	1912 D	1914 D	1916 D	1918D
CLASS III								
17. SPRING (See Note Below)		SELECT FROM SPRING CHART - CONTACT FACTORY						
17a.UPPER SPRING WASHER								
Carbon Steel* (-1) (-3)	C & B	0131601		1076901		0284901		0279601
Carbon Steel* (-2) (-4)	C & B	0131601		1076901	0284901	1087301		
316 SS* (-1) (-3)	C & B	0131605		1076903		0284904		0279602
316 SS* (-2) (-4)	C & B	0131605		1076903	0284904	1087303		
Monel (-1) (-3)	C & B	0131606		1076904		0284905		0279606
Monel (-2) (-4)	C & B	0131606		1076904	0284905	1087304		
Hastelloy C (-1) (-3)	C & B	0131608		1079608		0284913		
Hastelloy C (-2) (-4)	C & B	0131608		1079608	0284913	1087307		
17b.LOWER SPRING WASHER								
Carbon Steel* (-1) (-3)	C & B	0180401		0165301		0273801		0331501
Carbon Steel* (-2) (-4)	C	0131601		1076901	0284901	1087301		0279601
Carbon Steel* (-2) (-4)	B	0180401		0165301	0273801	0167101		0331501
316 SS* (-1) (-3)	C & B	0180406		0165302		0273804		0331503
316 SS* (-2) (-4)	C	0131605		1076903	0284904	1087303		0279602
316 SS* (-2) (-4)	B	0180406		0165302	0273804	0167103		0331503
Monel (-1) (-3)	C & B	0180405		0165304		0273803		0331505
Monel (-2) (-4)	C	0131606		1076904	0284905	1087304		0279606
Monel (-2) (-4)	B	0180405		0165304	0273803	0167105		0331505
Hastelloy C (-1) (-3)	C & B	0180408		0165312		0273809		
Hastelloy C (-2) (-4)	C	0131608		1076908	0284913	1087307		0279608
Hastelloy C (-2) (-4)	B	0131608		0165312	0273809	0167106		

Spring Washers are custom fitted to each spring. Therefore spring, spring washers must be ordered as an assembly.

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

\* **Standard Material**

PART DESCRIPTION	CON. OR BELLOWS	1905 D	1906 D	1910 D	1912 D	1914 D	1916 D	1918D
CLASS IV								
18. ADJUSTING SCREW								
416 SS* (-1) (-3)	C & B	1085101				0269701	0263201	1095601
416 SS* (-2) (-4)	C & B	1085101			0263201	1087401		
316 SS (-1) (-3)	C & B	1085107				0269703	0263204	1095602
316 SS (-2) (-4)	C & B	1085107			0263204	1087403		
Monel (-1) (-3)	C & B	1085106				0269704	0263206	1095604
Monel (-2) (-4)	C & B	1085106			0263206	1087406		
Hastelloy C (-1) (-3)	C & B	1085109				0269707	0263211	1095610
Hastelloy C (-2) (-4)	C & B	1085109			0263211	1087408		
19. ADJUSTING SCREW LOCK NUT								
416 SS* (-1) (-3)	C & B	1077101				0263101		1095701
416 SS* (-2) (-4)	C & B	1077101			0263101	0149701		
316 SS (-1) (-3)	C & B	1077105				0263103		1095703
316 SS (-2) (-4)	C & B	1077105			0263103	0149703		
Monel (-1) (-3)	C & B	1077106				0263105		1095706
Monel (-2) (-4)	C & B	1077106			0263105	1049706		
Hastelloy C (-1) (-3)	C & B	1077107				0263109		1095709
Hastelloy C (-2) (-4)	C & B	1077107			0263109	0149709		
20. CAP	C & B	SEE SEPARATE COMPOSITE CAP SHEET						
21. LIMIT WASHER (-2) (-4)								
316 SS* (-2) (-4)	C	4411902						
316 SS* (-2) (-4)	B	4452302						
Monel (-2) (-4)	C	4411903						
Monel (-2) (-4)	B	4452303						
Hastelloy C (-2) (-4)	C	4411904						
Hastelloy C (-2) (-4)	B	4452304						

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 1900 & 1900-30 SRV's

\* Standard Material

PART DESCRIPTION	CON. OR BELLOWS	1905 E	1906 E	1910 E	1912 E	1914 E	1916 E	1918 E
CLASS I								
1a.DISC (MS)								
316 SS* (-1) (-3)	C & B				0376103			0376122
316 SS* (-2) (-4)	C & B				0292905			
Monel (-1) (-3)	C & B				0376102			
Monel (-2) (-4)	C & B				0292904			
Hastelloy C (-1) (-3)	C & B				0376107			
Hastelloy C (-2) (-4)	C & B				0292903			
1b.DISC-THERMO (TD): 616 SS* (-2) (-4)	C & B				4707901			
2. DISC RETAINER								
Inconel X750* (-1) (-2) (-3) (-4)	C & B				2410802			
3. SPINDLE RETAINER								
Inconel X750* (-1) (-3)	C & B				2410808			
Inconel X750* (-2) (-4)	C				2410809			
Inconel X750* (-2) (-4)	B				2410808			
4. ADJUSTING RING PIN								
316 SS* (-1) (-2) (-3) (-4)	C & B				1076416			
Monel (-1) (-2) (-3) (-4)	C & B				1076421			
Hastelloy C (-1) (-2) (-3) (-4)	C & B				1076422			
5. BELLOWS	B	SEE SEPARATE BELLOWS SELECTION INTERCHANGEABILITY CHART						
6. GASKETS	C & B	SEE SEPARATE GASKET SHEET						
CLASS II								
7. NOZZLE (Raised Face) See Note (1)								
316 SS* (-1) (-3)	C & B		0376303			0512302		0376902
316 SS* (-2) (-4)	C & B		4615701			4712401		0334502
Monel (-1) (-3)	C & B		0376302			0512303		
Monel (-2) (-4)	C & B		4441803					
Hastelloy C (-1) (-3)	C & B		0376305					
Hastelloy C (-2) (-4)	C & B		4615709					

Note: [1] Bore size reflects requirements of 1978 ASME Code Revision. Valves shipped before 1978 may have different bore dimensions.

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 1900 & 1900-30 SRV's

**\* Standard Material**

PART DESCRIPTION	CON. OR BELLOWS	1905 E	1906 E	1910 E	1912 E	1914 E	1916 E	1918 E
CLASS II								
8. NOZZLE (Ring Joint) See Note [1]								
316 SS* (-1) (-3)	C & B	0378202		0376403		0512403		0376802
316 SS* (-2) (-4)	C & B	4443601		4443701		4790301		0333202
Monel (-1) (-3)	C & B	0378203		0376402		0512402		-
Monel (-2) (-4)	C & B			4443703		4790405		-
Hastelloy C (-1) (-3)	C & B							
Hastelloy C (-2) (-4)	C & B			4443704		4790306		
9. Disc Holder-Low Pressure - Gas/Vapor Service								
316 SS* (-1) (-3)	C				4664502			
316 SS* (-2) (-4)	C				0521304			
316 SS* (-1) (-3)	B				4689801			
316 SS* (-2) (-4)	B				0521202			
Monel (-1) (-3)	C				4664602			
Monel (-2) (-4)	C				0521303			
Monel (-1) (-3)	B							
Monel (-2) (-4)	B				0521204			
Hastelloy C (-1) (-3)	C				4664608			
Hastelloy C (-2) (-4)	C				0521305			
Hastelloy C (-1) (-3)	B							
Hastelloy C (-2) (-4)	B				0521203			
10. Disc Holder - High Pressure-Gas/Vapor Service								
316 SS* (-1) (-3)	C				4664603			
316 SS* (-2) (-4)	C				0512604			
316 SS* (-1) (-3)	B				4689701			
316 SS* (-2) (-4)	B				0512703			
Monel (-1) (-3)	C				4664602			
Monel (-2) (-4)	C				0512603			
Monel (-1) (-3)	B				4689703			
Monel (-2) (-4)	B				0512702			
Hastelloy C (-1) (-3)	C				4664608			
Hastelloy C (-2) (-4)	C				0512606			
Hastelloy C (-1) (-3)	B				4689702			
Hastelloy C (-2) (-4)	B				0512705			

**Note: [1] Bore size reflects requirements of 1978 ASME Code Revision. Valves shipped before 1978 may have different bore dimensions.**

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 1900 & 1900-30 SRV's

\* Standard Material

PART DESCRIPTION	CON. OR BELLOWS	1905 E	1906 E	1910 E	1912 E	1914 E	1916 E	1918 E
CLASS II								
11.Disc Holder Liquid Service (LA) Note 2								
316 SS* (-1) (-3)	C				4880001			
316 SS* (-2) (-4)	C				4820401			
316 SS* (-1) (-3)	B				4879901			
316 SS* (-2) (-4)	B				4879801			
Monel (-1) (-3)	C							
Monel (-2) (-4)	C				4820405			
Monel (-1) (-3)	B							
Monel (-2) (-4)	B				4879804			
Hastelloy C (-1) (-3)	C							
Hastelloy C (-2) (-4)	C				4820402			
Hastelloy C (-1) (-3)	B							
Hastelloy C (-2) (-4)	B				4879803			
12.Spindle								
410 SS* (-1) (-3)	C & B	0180201		0294501		0333301		0341801
410 SS* (-2) (-4)	C	0296201		0340001	0339801	0270801		0292801
410 SS* (-2) (-4)	B	0180201		0294501	0333301	0331001		0341801
316 SS (-1) (-3)	C & B	0180204		0294503		0333303		0341803
316 SS (-2) (-4)	C	0296202		0340003	0339803	0270803		0292802
316 SS (-2) (-4)	B	0180204		0294503	0333303	0331003		0341803
Monel (-1) (-3)	C & B	0180206		0294505		-	-	-
Monel (-2) (-4)	C	0296206		0340004	0339805	-	-	-
Monel (-2) (-4)	B	0180206		0294505	0333304	-	-	-
Hastelloy C (-1) (-3)	C & B							
Hastelloy C (-2) (-4)	C	0296211		0340007	0339813			
Hastelloy C (-2) (-4)	B	0180208		0294512	0339309			

Note [2] "LS" was replaced by "LA" design and valves should be converted to "LA" design by changing Disc Holder & Adjusting Ring..consult factory

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 1900 & 1900-30 SRV's

\* Standard Material

PART DESCRIPTION	CON. OR BELLOWS	1905 E	1906 E	1910 E	1912 E	1914 E	1916 E	1918 E
CLASS II								
13.Base Studs								
Alloy Steel* (-1) (-2) (-3) (-4)	C	3232228				3262552		3271646
Alloy Steel* (-1) (-2) (-3) (-4)	B	3232230				3262555		3271650
14. BASE STUD NUTS								
Class 2H Steel* each (-1) (-2) (-3) (-4)	C	2200204				2200205		2200207
Class 2H Steel* each (-1) (-2) (-3) (-4)	B	2200204				2200204 [1]		2200207
CLASS III								
15. GUIDE								
316 SS* (-1) (-3)	C	4650502				4740701		0377503
316 SS* (-2) (-4)	C	4647602			4740101			4740501
316 SS* (-1) (-3)	B	0294903				0298203		0334802
316 SS* (-2) (-4)	B	0294903			0298203	0332303		0334802
Monel (-1) (-3)	C	0494901				4740106		0377502
Monel (-2) (-4)	C	1240209			0496001			4884802
Monel (-1) (-3)	B	0294907				0298207		-
Monel (-2) (-4)	B	0294907			0298207	0332304		-
Hastelloy C (-1) (-3)	C							
Hastelloy C (-2) (-4)	C	4647618						
Hastelloy C (-1) (-3)	B	0294905				0298206		
Hastelloy C (-2) (-4)	B	0294905			0298206	0332306		
16. ADJUSTING RING - Excludes LS Design (Note 3)								
316 SS* (-1) (-3)	C & B	4600801						
316 SS* (-2) (-4)	C & B	4601001						
Monel (-1) (-3)	C & B	4600802						
Monel (-2) (-4)	C & B	4601002						
Hastelloy C (-1) (-3)	C & B	4600803						
Hastelloy C (-2) (-4)	C & B	4601003						

Note: [1] For (-2) Design, use Part No. 2200205

Note: [3] Excludes "LS" Design. When replacing "LS" Adjusting Ring, Disc Holder must be replaced.



## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 1900 & 1900-30 SRV's

\* Standard Material

PART DESCRIPTION	CON. OR BELLOWS	1905 E	1906 E	1910 E	1912 E	1914 E	1916 E	1918 E
CLASS III								
17. Spring		Select from Spring Chart						
17a.UPPER SPRING WASHER								
Carbon Steel* (-1) (-3)	C & B	0131601	1076901		0284901		0279601	
Carbon Steel* (-2) (-4)	C & B	0131601	1076901	0284901	1087301			
316 SS* (-1) (-3)	C & B	0131605	1076903		0284904		0279602	
316 SS* (-2) (-4)	C & B	0131605	1076903	0284904	1087303			
Monel (-1) (-3)	C & B	0131606	1076904		0284905		0279606	
Monel (-2) (-4)	C & B	0131606	1076904	0284905	1087304			
Hastelloy C (-1) (-3)	C & B	0131608	1076908		0284913			
Hastelloy C (-2) (-4)	C & B	0131608	1076908	0284913	1087307			
17b.LOWER SPRING WASHER								
Carbon Steel* (-1) (-3)	C & B	0180401	0165301		0273801		0331501	
Carbon Steel* (-2) (-4)	C	0131601	1076901	0284901	1087301		0279601	
Carbon Steel* (-2) (-4)	B	0180401	0165301	0273801	0167101		0331501	
316 SS* (-1) (-3)	C & B	0180406	0165302		0273804		0331503	
316 SS* (-2) (-4)	C	0131605	1076903	0284904	1087303		0279602	
316 SS* (-2) (-4)	B	0180406	0165302	0273804	0167103		0331503	
Monel (-1) (-3)	C & B	0180405	0165304		0273803		0331505	
Monel (-2) (-4)	C	0131606	1076904	0284905	1087304		0279606	
Monel (-2) (-4)	B	0180405	0165304	0273803	0167105		0331505	
Hastelloy C (-1) (-3)	C & B	0180408	0165312		0273809			
Hastelloy C (-2) (-4)	C	0131608	1079608	0284913	1087307		0279608	
Hastelloy C (-2) (-4)	B	0131608	0165312	0273809	0167106			

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

\* **Standard Material**

PART DESCRIPTION	CON. OR BELLOWS	1905 E	1906 E	1910 E	1912 E	1914 E	1916 E	1918 E
CLASS III								
18. ADJUSTING SCREW								
416 SS* (-1) (-3)	C & B	1085101				0269701	0263201	1095601
416 SS* (-2) (-4)	C & B	1085101		0263201	1087401			
316 SS (-1) (-3)	C & B	1085107				0269703	0263204	1095602
316 SS (-2) (-4)	C & B	1085107		0263204	1087403			
Monel (-1) (-3)	C & B	1085106				0269704	0263206	1095604
Monel (-2) (-4)	C & B	1085106		0263206	1087406			
Hastelloy C (-1) (-3)	C & B	1085109				0269707	0263211	1095610
Hastelloy C (-2) (-4)	C & B	1085109		0263211	1087408			
19. ADJUSTING SCREW LOCK NUT								
416 SS* (-1) (-3)	C & B	1077101				0263101		1095701
416 SS* (-2) (-4)	C & B	1077101		0263101	0149701			
316 SS (-1) (-3)	C & B	1077105				0263103	0263101	1095703
316 SS (-2) (-4)	C & B	1077105		0263103	0149703			
Monel (-1) (-3)	C & B	1077106				0263105		1095706
Monel (-2) (-4)	C & B	1077106		0263105	0149706			
Hastelloy C (-1) (-3)	C & B	1077107				0263109		1095709
Hastelloy C (-2) (-4)	C & B	1077107		0263109	0149709			
20. CAP		SEE SEPARATE COMPOSITE CAP SHEET						
21. LIMIT WASHER (-2) (-4)								
316 SS (-2) (-4)	C	4411902						
316 SS (-2) (-4)	B	4452302						
Monel (-2) (-4)	C	4411903						
Monel (-2) (-4)	B	4452303						
Hastelloy C (-2) (-4)	C	4411904						
Hastelloy C (-2) (-4)	B	4452304						

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 1900 & 1900-30 SRV's

\* Standard Material \*\*Conventional Only

PART DESCRIPTION	CON. OR BELLOWS	1905 F	1906 F	1910 F	1912 F	1914 F-1 & -2	1916 F-1 & -2	1918 F-1 & -2
CLASS I								
1a.DISC								
316 SS*	C & B				0292905			
Monel	C & B				0292904			
Hastelloy C	C & B				0292903			
1b.DISC-THERMO (TD)								
616 SS*	C & B				4707901			
2. DISC RETAINER								
Inconel X750*	C & B				2410802			
3. SPINDLE RETAINER								
Inconel X750*	C				2410809			
Inconel X750*	B				2410808			
4. ADJUSTING RING PIN								
316 SS*	C & B				1076416			
Monel	C & B				1076421			
Hastelloy C	C & B				1076422			
5. BELLOWS	B	SEE SEPARATE BELLOWS SELECTION INTERCHANGEABILITY CHART						
6. GASKETS	C & B	SEE SEPARATE COMPOSITE GASKET SHEET						
CLASS II								
7. NOZZLE (Raised Face) See Note [1]								
316 SS*	C & B			4590001				0334502
Monel	C & B			4590002				-
Hastelloy C	C & B			4590007				
8. NOZZLE (Ring Joint) See Note [1]								
316 SS*	C & B	0367102			0512903			0333202
Monel	C & B	0367104			0512902			0333207
Hastelloy C	C & B	0367103			0512905			

Note: [1] Bore size reflects requirements of 1978 ASME Code Revision. Valves shipped before 1978 may have different bore dimensions.

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 1900 & 1900-30 SRV's

\* Standard Material \*\*Conventional Only

PART DESCRIPTION	CON. OR BELLOWS	1905 F	1906 F	1910 F	1912 F	1914 F-1 & -2	1916 F-1 & -2	1918 F-1 & -2
CLASS II								
9. DISC HOLDER Low Pressure/Gas-Vapor Service								
316 SS*	C				4626702			
316 SS*	B				4626602			
Monel	C				4626703			
Monel	B				4626603			
Hastelloy C	C				4626704			
Hastelloy C	B				4626604			
10.DISC HOLDER High Pressure/Gas-Vapor Service								
316 SS*	C				0512604			
316 SS*	B				0512703			
Monel	C				0512603			
Monel	B				0512702			
Hastelloy C	C				0512606			
Hastelloy C	B				0512705			
11.DISC HOLDER Liquid Service (LA) See Note 2 for "LS" Design								
316 SS*	C				4820401			
316 SS*	B				4879801			
Monel	C				4820405			
Monel	B				4879804			
Hastelloy C	C				4820402			
Hastelloy C	B				4879803			

Note: [1] Bore size reflects requirements of 1978 ASME Code Revision. Valves shipped before 1978 may have different bore dimensions.

[2] "LS" was replaced by "LA" design and valves should be converted to "LA" design by changing Disc Holder & Adjusting Ring..consult factory

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 1900 & 1900-30 SRV's

\* Standard Material \*\*Conventional Only

PART DESCRIPTION	CON. OR BELLOWS	1905 F	1906 F	1910 F	1912 F	1914 F-1 & -2	1916 F-1 & -2	1918 F-1 & -2
CLASS II								
12. SPINDLE								
410 SS*	C	0296201		0340001	0339801	0270801		0292801
410 SS*	B	0180201		0294501	0333301	0331001		0341801
316 SS	C	0296202		0340003	0339803	0270803		0292802
316 SS	B	0180204		0294503	0333303	0331003		0341803
Monel	C	0296206		0340004	0339805	0270805		
Monel	B	0180206		0294505	0333304	0331004		0341805
Hastelloy C	C	0296211		0340007	0339813	0270809		0292806
Hastelloy C	B	0180208			0333309	0331006		
13. BASE STUDS								
Alloy Steel* (each)	C		3232228			3262552		3271646
Alloy Steel* (each)	B		3232230			3262555		3271650
14. BASE STUD NUTS								
Class 2H Steel* (each)	C & B		2200204			2200205		2200207
CLASS III								
15. GUIDE								
316 SS*	C	4647602		4740101		4741701		4740501
316 SS*	B	0294903		0298203		0332303		0334802
Monel	C	4647603		0496001		4741706		
Monel	B	0294907		0298207		0332304		
Hastelloy C	C	4647618						4740504
Hastelloy C	B	0294905		0298206		0332306		
CLASS IV								
16. ADJUSTING RING-Excludes "LS" Design (Note 3)								
316 SS*	C & B			4601001				
Monel	C & B			4601002				
Hastelloy C	C & B			4601003				

Note: [3] Excludes "LS" Design. When replacing "LS" Adjusting Ring, Disc Holder must be replaced.

### 1900 & 1900-30 SRV's

PART DESCRIPTION	CON. OR BELLOW	1905 F	1906 F	1910 F	1912 F	1914 F-1 & -2	1916 F-1 & -2	1918 F-1 & -2
CLASS IV								
17. SPRING		SELECT FROM SPRING CHART-SEE COMPOSITE SPRING PRICE LIST						
17a.UPPER SPRING WASHER								
Carbon Steel*	C & B	0131601		1076901	0284901	1087301		0279601
316 SS	C & B	0131605		1076903	0284904	1087303		0279602
Monel	C & B	0131606		1076904	0284905	1087304		0279606
Hastelloy C	C & B	0131608		1076908	0284913	1087307		0279608
17b.LOWER SPRING WASHER								
Carbon Steel*	C	0131601		1076901	0284901	1087301		0279601
Carbon Steel*	B	0180401		0165301	0273801	0167101		0331501
316 SS	C	0131605		1076903	0284904	1087303		0279602
316 SS	B	0180406		0165302	0273804	0167103		0331503
Monel	C	0131606		1076904	0284905	1087304		0279606
Monel	B	0180405		0165304	0273803	0167105		0331505
Hastelloy C	C	0131608		1076908	0284913	1087307		0279608
Hastelloy C	B	0180408		0165312	0273809	0167106		
CLASS IV								
18. ADJUSTING SCREW								
416 SS*	C & B	1085101		0263201	1087401			1095601
316 SS*	C & B	1085107		0263204	1087403			1095602
Monel	C & B	1085106		0263206	1087406			1095604
Hastelloy C	C & B	1085109		0263211	1087408			1095610
19. ADJUSTING SCREW LOCK NUT								
416 SS*	C & B	1077101		0263101	0149701			1095701
316 SS*	C & B	1077105		0263103	0149703			1095703
Monel	C & B	1077106		0263105	0147906			1095706
Hastelloy C	C & B	1077107		0263105	0147909			1095709
20. CAP	C & B	SEE SEPARATE COMPOSITE CAP SHEET						

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 1900 & 1900-30 SRV's

\* Standard Material \*\*Conventional Only

PART DESCRIPTION	CON. OR BELLOWS	1905G-1 & -3	1906G-1 & -3	1910G-1 & -3	1912G-1 & -3	1914G-1 & -3	1916G-1	1918G-1
CLASS I								
1a.DISC								
316 SS*	C & B				0348705			
Monel	C & B				0348703			
Hastelloy C	C & B				0348730			
1b.DISC -THERMO (TD)								
616 SS*	C & B				4692701			
2. DISC RETAINER								
Inconel X750*	C & B				2410802			
3. SPINDLE RETAINER								
Inconel X750*	C				2410809			
Inconel X750*	B				2410808			
4. ADJUSTING RING PIN								
316 SS*	C & B				1076416			
Monel	C & B				1076421			
Hastelloy C	C & B				1076422			
5. BELLOWS	B	SEE SEPARATE BELLOWS SELECTION INTERCHANGEABILITY CHART						
6. GASKETS	C & B	SEE SEPARATE COMPOSITE GASKET SHEET						
CLASS II								
7. NOZZLE (RAISED FACE) See Note (1)								
316 SS*	C & B			4598001			0360402	
Monel	C & B			4598002			0360403	
Hastelloy C	C & B			4598004				
8. NOZZLE (Ring Joint) See Note (1)								
316 SS*	C & B	0368002		0509603			0360502	0360602
Monel	C & B	0368003		0509602				
Hastelloy C	C & B	0368004						

Note: [1] Bore size requirements of 1978 Code Revision. Valves shipped before 1978 may have different bore dimensions.

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 1900 & 1900-30 SRV's

\* Standard Material \*\*Conventional Only

PART DESCRIPTION	CON. OR BELLOWS	1905G-1 & -3	1906G-1 & -3	1910G-1 & -3	1912G-1 & -3	1914G-1 & -3	1916G-1	1918G-1
CLASS II								
9. DISC HOLDER								
Low Pressure/Gas Service								
316 SS*	C				4626902			
316 SS*	B				4626802			
Monel	C				4626903			
Monel	B				4626803			
Hastelloy C	C							
Hastelloy C	B							
10.DISC HOLDER								
High Pressure/Gas Service								
316 SS*	C				0509705			
316 SS*	B				0509803			
Monel	C				0509703			
Monel	B				0509802			
Hastelloy C	C				0509709			
Hastelloy C	B				0509807			
11.DISC HOLDER								
Liquid Service (LA) (See Note 2 About "LS" Design)								
316 SS*	C				4879701			
316 SS*	B				4882001			
Monel	C							
Monel	B				4882002			
Hastelloy C	C				4879706			
Hastelloy C	B				4882007			

**Note: [1] Bore size requirements of 1978 Code Revision. Valves shipped before 1978 may have different bore dimensions.**

**[2] "LS" was replaced by "LA" design and valves should be converted to "LA" design by changing Disc Holder & Adjusting Ring..consult factory**



## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 1900 & 1900-30 SRV's

\* Standard Material \*\*Conventional Only

PART DESCRIPTION	CON. OR BELLOWS	1905G-1 & -3	1906G-1 & -3	1910G-1 & -3	1912G-1 & -3	1914G-1 & -3	1916G-1	1918G-1
CLASS II								
12. SPINDLE								
410 SS*	C	0296201		0340001	0339801		0270801	
410 SS*	B	0180201		0294501	0333301		0331001	
316 SS	C	0296202		0340003	0339803		0270803	
316 SS	B	0180204		0294503	0333303		0331003	
Monel	C	0296206		0340004	0339805		0270805	
Monel	B	0180206		0294505	0333304		0331004	
Hastelloy C	C	0296211		0340007	0339813		0270809	
Hastelloy C	B	0180208			0333309		0331006	
13. BASE STUDS								
Alloy Steel* (each)	C		3232228				3262552	
Alloy Steel* (each)	B		3232230				3262556	
14. BASE STUD NUTS								
Class 2H Steel* (each)	C & B		2200204				2200205	
CLASS III								
15. GUIDE								
316 SS*	C	4647602			4740101		4741701	
316 SS*	B	0348902			0363002		0361703	
Monel	C	0496101			0496001		4741706	
Monel	B	0348907			0363003		0361704	
Hastelloy C	C	4647618						
Hastelloy C	B	0348908					0361706	
16. ADJUSTING RING - Excludes LS - See Note 3								
316 SS*	C & B				4601301			
Monel	C & B				4601302			
Hastelloy C	C & B				4601303			

Note: [3] Excludes "LS" Design. When replacing "LS" Adjusting Ring, Disc Holder must be replaced.



## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 1900 & 1900-30 SRV's

\* Standard Material \*\*Conventional Only

PART DESCRIPTION	CON. OR BELLOWS	1905 H	1906 H	1910 H	1912 H	1914 H	1916 H
CLASS I							
1a.DISC							
316 SS*	C & B	4664201					
Monel	C & B	4664202					
Hastelloy C	C & B	4664203					
1b.DISC-THERMO (TD)							
616 SS*	C & B	4692801					
2. DISC RETAINER							
Inconel X750*	C & B	2410802					
3. SPINDLE RETAINER							
Inconel X750*	C	2410809					
Inconel X750*	B	2410804					
4. ADJUSTING RING PIN							
316 SS*	C & B	1076416					
Monel	C & B	1076421					
Hastelloy C	C & B	1076422					
5. BELLOWS	B	SEE SEPARATE BELLOWS SELECTION INTERCHANGEABILITY CHART					
6. GASKETS	C & B	SEE SEPARATE COMPOSITE GASKET SHEET					
CLASS II							
7. NOZZLE (Raised Face) See Note (1)							
316 SS*	C & B	4608401		4608801		4610401	
Monel	C & B	0266203		4608802		0509003	
Hastelloy C	C & B	4608404		0262804			
8. NOZZLE (Ring Joint) See Note (1)							
316 SS*	C & B	0266302	0286702	0262703	0289003		0279102
Monel	C & B	0266303	0286703	0262702	0289002		0279103
Hastelloy C	C & B			0262704			

**Note: [1] Bore size requirements of 1978 Code Revision. Valves shipped before 1978 may have different bore dimensions.**

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 1900 & 1900-30 SRV's

\* Standard Material \*\*Conventional Only

PART DESCRIPTION	CON. OR BELLOWS	1905 H	1906 H	1910 H	1912 H	1914 H	1916 H
CLASS II							
9. DISC HOLDER Low Pressure/Gas - Vapor Service							
316 SS*	C			4627102			
316 SS*	B			4627002			
Monel	C			4627103			
Monel	B			4627003			
Hastelloy C	C			4627104			
Hastelloy C	B			4627004			
10.DISC HOLDER High Pressure/Gas - Vapor Service							
316 SS*	C			0509204			
316 SS*	B			0509302			
Monel	C			0509203			
Monel	B			0509303			
Hastelloy C	C			0509206			
Hastelloy C	B			0509307			
11.DISC HOLDER - Liquid Service (LA) See Note 2 for "LS" Design				4807103			
316 SS*	C			4807001			
316 SS*	B			4807101			
Monel	C			4807002			
Monel	B						
Hastelloy C	C						
Hastelloy C	B						
12.SPINDLE							
410 SS*	C	0340001		0339801	0340701	0340401	
410 SS*	B	0266001		0261901	0288301	0291301	
316 SS	C	0340003		0339803	0340702	0340402	
316 SS	B	0266003		0261902	0288302	0291304	
Monel	C	0340004		0339805	0340703		
Monel	B	0266004		0261904		0291302	
Hastelloy C	C	0340007					
Hastelloy C	B						

**Note: [1] Bore size reflects requirements of 1978 ASME Code Revision. Valves shipped before 1978 may have different bore dimensions**

**[2] "LS" was replaced by "LA" design and valves should be converted to "LA" design by changing Disc Holder & Adjusting Ring..consult factory**

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 1900 & 1900-30 SRV's

\* Standard Material \*\*Conventional Only

PART DESCRIPTION	CON. OR BELLOWS	1905 H	1906 H	1910 H	1912 H	1914 H	1916 H
CLASS II							
13. BASE STUDS							
Alloy Steel* (each)	C & B	3232228			3262549	3271645	
14. BASE STUD NUTS							
Class 2H Steel* (each)	C & B	2200204			2200205	2200207	
CLASS III							
15. GUIDE							
316 SS*	C	4647702				0373604	
316 SS*	B	4650602				0290502	
Monel	C	0764409					
Monel	B	4412307				0666602	
Hastelloy C	C	0764405					
Hastelloy C	B	4650604					
16. ADJUSTING RING - Excludes "LS" Design - See Note 3							
316 SS*	C & B	4601601					
Monel	C & B	4601602					
Hastelloy C	C & B	4601603					

**Note: [3] Excludes "LS" Design. When replacing "LS" Adjusting Ring, Disc Holder must be replaced.**

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 1900 & 1900-30 SRV's

\* Standard Material \*\*Conventional Only

PART DESCRIPTION	CON. OR BELLOWS	1905 H	1906 H	1910 H	1912 H	1914 H	1916 H
CLASS III							
17. SPRING		<b>SELECT FROM SPRING CHART-SEE COMPOSITE SPRING PRICE LIST</b>					
17a.UPPER SPRING WASHER							
Carbon Steel*	C & B	1076901		0284901	0279201	0291201	
316 SS	C & B	1076903		0284904	0279202	0291202	
Monel	C & B	1076904		0284905		0291203	
Hastelloy C	C & B	1076908		284913		0291208	
17b.LOWER SPRING WASHER							
Carbon Steel*	C	1076901		0284901	0279201	0291201	
Carbon Steel*	B	0265901		0285001	0279001	0291101	
316 SS	C	1076903		0284904	0279202	0291202	
316 SS	B	0265902		0285003	0279002	0291102	
Monel	C	1076904		0248905		0291203	
Monel	B	0265904		0285004		0291105	
Hastelloy C	C						
Hastelloy C	B						
CLASS IV							
18. ADJUSTING SCREW							
416 SS*	C & B	0269701		0263201	1087401	1095601	
316 SS	C & B	0269703		0263204	1087403	1095602	
Monel	C & B	0269704		0263206	1087406	1095604	
Hastelloy C	C & B	0269707		0263211	1087408	1095610	
19. ADJUSTING SCREW LOCK NUT							
416 SS*	C & B	0263101			0149701	1095701	
316 SS	C & B	0263103			0149703	1095703	
Monel	C & B	0263105			0149706	1095706	
Hastelloy C	C & B	0263109			0149709	1095709	
20. CAP	C & B	SEE SEPARATE COMPOSITE CAP SHEET					

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 1900 & 1900-30 SRV's

\* Standard Material \*\*Conventional Only

PART DESCRIPTION	CON. OR BELLOWS	1905J-2	1906J-2	1910J-2	1910J-4	1912J-2	1912J -4	1914J-3	1916J-2
CLASS I									
1a.DISC									
316 SS*	C & B	0269606							
Monel	C & B	0269603							
Hastelloy C	C & B	0269638							
1b.DISC-THERMO (TD)									
616 SS*	C & B	4692901							
2. DISC RETAINER									
Inconel X750*	C & B	2410802							
3. SPINDLE RETAINER									
Inconel X750*	C & B	2410809							
4. ADJUSTING RING PIN									
316 SS*	C & B	1076416							
Monel	C & B	1076421							
Hastelloy C	C & B								
5. BELLOWS	B	SEE SEPARATE BELLOWS SELECTION INTERCHANGEABILITY CHART							
6. GASKETS	C & B	SEE SEPARATE COMPOSITE GASKET SHEET							
CLASS II									
7. NOZZLE (Raised Face) See Note [1]									
316 SS*	C & B	4611201		4611501	4612301	4611801	4612301		
Monel	C & B	0362102		0269203	4612303	0508502	4612302		
Hastelloy C	C & B	4611204		4611504	4612304	4611804	4612304		

**Note: [1] Bore size reflects requirements of 1978 ASME Code Revision. Valves shipped before 1978 may have different bore dimensions.**

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 1900 & 1900-30 SRV's

\*Standard Material \*\*Conventional Only

PART DESCRIPTION	CON. OR BELLOWS	1905J-2	1906J-2	1910J-2 & -4	1912J-2	1912J-4	1914J-3	1916J-2
CLASS II								
8. NOZZLE (Ring Joint) See Note [1]								
316 SS*	C & B	0362202	0362302	0269304	0347202	0598602		0372902
Monel	C & B	0362203	0362303	0269303	0347203			
Hastelloy C	C & B			0269307				
9. DISC HOLDER: Low Pressure/Gas-Vapor Service								
316 SS * ***	C & B				4656502			
Monel ***	C & B				0616202			
Hastelloy C	C & B				4656505			
10. DISC HOLDER: High Pressure/Gas-Vapor Service								
316 SS * ***	C & B				4656202			
Monel ***	C & B				0616102			
Hastelloy C	C & B				4656205			
11. DISC HOLDER: Liquid Service (LA) - See Note 2 for "LS" Design								
316 SS * ***	C & B				4879601			
Monel ***	C & B				4879603			
Hastelloy C	C & B							
12. SPINDLE								
410 SS*	C & B	0339801		0270801		0372601		
316 SS	C & B	0339803		0270803		0372603		
Monel	C & B	0339805		0270805		0372606		
Hastelloy C	C & B	0339813		0270809				

\*\*\*When ordering either the Guide or Holder for the (-1) design valve it will be necessary to update to the (-2) design by replacing both the Guide and the Holder

Note: [1] Bore size reflects requirements of 1978 ASME Code Revision. Valves shipped before 1978 may have different bore dimensions

[2] "LS" was replaced by "LA" design and valves should be converted to "LA" design by changing Disc Holder & Adjusting Ring..consult factory



## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 1900 & 1900-30 SRV's

\*Standard Material \*\*Conventional Only

PART DESCRIPTION	CON. OR BELLOWS	1905J-2	1906J-2	1910J-2 & -4	1912J-2 & -4	1914J-3	1916J-2
CLASS III							
13. BASE STUDS: Alloy Steel* (each)	C & B	3232228		3262551	3271646		
14. BASE STUD NUTS-2H Steel* (each)	C & B	2200204		2200205	2200207		
CLASS III							
15. GUIDE							
316 SS* (-2) [for (-1) design see ***]	C & B	4647802			4740301		
Monel (-2)	C & B	4647803					
Hastelloy C (-2)	C & B	4647804					
16. ADJUSTING RING (Excludes "LS" design) See Note 3							
316 SS*	C & B	4601901					
Monel	C & B	4601902					
17. SPRING		SELECT FROM SPRING CHART-CONTACT FACTORY					
17a.SPRING WASHERS							
Carbon Steel*	C & B	0284901		1087301	0152801		
316 SS	C & B	0284904		1087303	0152802		
Monel	C & B	0284905		1087304	0152804		
Hastelloy C	C & B	0284913		1087307	0152808		
CLASS IV							
18. ADJUSTING SCREW							
416 SS*	C & B	0263201		1087401	1099101		
316 SS	C & B	0263204		1087403	1099104		
Monel	C & B	0263206		1087406	1099107		
Hastelloy C	C & B	0263211		1087408			
19. ADJUSTING SCREW LOCK NUT							
416 SS*	C & B	0263101		0149701	1099009		
316 SS	C & B	0263103		0149703	1099004		
Monel	C & B	0263105		0263105	1099005		
Hastelloy C	C & B	0263109		0149709	1099008		
20. CAP	C & B	SEE SEPARATE COMPOSITE CAP SHEET					

\*\*\*When ordering either the Guide or Holder for the (-1) design valve it will be necessary to update to the (-2) design by replacing both the Guide and the Holder  
Note: [3] Excludes "LS" Design. When replacing "LS" Adjusting Ring, Disc Holder must be replaced.

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 1900 & 1900-30 SRV's

\*Standard Material \*\*Conventional Only

PART DESCRIPTION	CON. OR BELLOWS	1905 K	1906 K	1910 K	1912 K	1914 K	1916 K
CLASS I							
1a.DISC							
316 SS*	C & B	0249105					
Monel	C & B	0249106					
Hastelloy C	C & B	0249103					
1b.DISC THERMO (TD)							
616 SS*	C & B	4693001					
2. DISC RETAINER							
Inconel X750*	C & B	2410802					
3. SPINDLE RETAINER							
Inconel X750*	C & B	2410803					
4. ADJUSTING RING PIN							
316 SS*	C & B	1076416					
Monel	C & B	1076421					
Hastelloy C	C & B	1076422					
5. BELLOWS	B	SEE SEPARATE BELLOWS SELECTION INTERCHANGEABILITY CHART					
6. GASKETS	C & B	SEE SEPARATE COMPOSITE GASKET SHEET					
CLASS II							
7. NOZZLE (Raised Face) See Note [1]							
316 SS*	C & B	4592301		4592601		4592501	
Monel	C & B	0248704		4592602		0258303	
Hastelloy C	C & B	4592303		4592604		4592504	

**Note: [1] Bore size reflects requirements of 1978 ASME Code Revision. Valves shipped before 1978 may have different bore dimensions.**

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 1900 & 1900-30 SRV's

\*Standard Material \*\*Conventional Only

PART DESCRIPTION	CON. OR BELLOWS	1905 K	1906 K	1910 K	1912 K	1914 K	1916 K
CLASS II							
8. NOZZLE (Ring Joint) See Note [1]							
316 SS*	C & B	0289202	0248804		0255002	0258203	0285403
Monel	C & B	0289203	0248803		0255003	0258204	
Hastelloy C	C & B						
9. DISC HOLDER (All Pressure) (Gas - Vapor Service)							
316 SS*	C & B				4655902		
Monel	C & B				0508204		
Hastelloy C	C & B				4655904		
10. DISC HOLDER (Liquid Service LA) For "LS" See Note 2							
316 SS*	C & B				4868101		
Monel	C & B				4868105		
Hastelloy C	C & B				4868104		
11. SPINDLE							
410 SS*	C & B	0132801			0255401		0258101
316 SS	C & B	0132805			0255405		0258102
Monel	C & B	0132803			0255404		0258105
Hastelloy C	C & B				0255410		
12. BASE STUDS: Alloy Steel* (each)	C & B	3232224			3262551		3280921
13. BASE STUD NUTS: 2H Steel* (each)	C & B	2200204			2200205		2200208
CLASS III							
14. GUIDE							
316 SS*	C & B				4647902		0258802
Monel	C & B				0249402		0647902
Hastelloy C	C & B				4647904		

Note: [1] Bore size reflects requirements of 1978 ASME Code Revision. Valves shipped before 1978 may have different bore dimensions.

Note: [2] "LS" was replaced by "LA" design and valves should be converted to "LA" design by changing Disc Holder & Adjusting Ring..consult factory

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 1900 & 1900-30 SRV's

\*Standard Material \*\*Conventional Only

PART DESCRIPTION	CON. OR BELLOWS	1905 K	1906 K	1910 K	1912 K	1914 K	1916 K
CLASS III							
15. ADJUSTING RING - Excludes "LS" design See Note 3							
316 SS*	C & B	4952201					
Monel	C & B	4952202					
Hastelloy C	C & B	4952203					
16. SPRING	C & B	SELECT FROM SPRING CHART					
16a. UPPER SPRING WASHER							
Carbon Steel*	C & B	1087301		0255501		0257801	
316 SS	C & B	1087303		0255502		0258704	
Monel	C & B	1087304		0255504		0258707	
Hastelloy C	C & B	1087307		0255509		0258706	
CLASS IV							
17. ADJUSTING SCREW							
416 SS*	C & B	1087401		0132901		0268201	
316 SS	C & B	1087403		0132904		0268203	
Monel	C & B	1087406		0132905		0268206	
Hastelloy C	C & B	1087408		0132908		0268205	
18. ADJUSTING SCREW LOCK NUT							
416 SS*	C & B	0149701		1095701		0427001	
316 SS	C & B	0149703		1095703		0427003	
Monel	C & B	0149706		1095706		0427004	
Hastelloy C	C & B	0149709		1095709		0427008	
19. CAP	C & B	SEE SEPARATE COMPOSITE CAP SHEET					

**Note: [3] Excludes "LS" Design. When replacing "LS" Adjusting Ring, Disc Holder must be replaced.**

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 1900 & 1900-30 SRV's

\*Standard Material \*\*Conventional Only

PART DESCRIPTION	CON. OR BELLOWS	1905 L	1906 L	1910 L	1912 L	1914 L	1916 L
CLASS I							
1a.DISC							
316 SS*	C & B	0358304					
Monel	C & B	0358303					
Hastelloy C	C & B	0358332					
1b.DISC-THERMO (TD)							
616 SS*	C & B	4693101					
2. DISC RETAINER							
Inconel X750*	C & B	2410805					
3. SPINDLE RETAINER							
Inconel X750*	C & B	2410803					
4. ADJUSTING RING PIN							
316 SS*	C & B	1076416					
Monel	C & B	1076421					
Hastelloy C	C & B						
5. BELLOWS	B	SEE SEPARATE BELLOWS SELECTION INTERCHANGEABILITY CHART					
6. GASKETS	C & B	SEE SEPARATE COMPOSITE GASKET SHEET					
CLASS II							
7. NOZZLE (Raised Face) See Note [1]							
316 SS*	C & B	4599601		4599901		4600201	
Monel	C & B	0357702		0368302		0371603	
Hastelloy C	C & B	4599607		4599904			
8. NOZZLE (Ring Joint) See Note (1)							
316 SS*	C & B	0357502	0357602	0368403		0371502	0371402
Monel	C & B	0357503	0357603	0368402		0371504	
Hastelloy C	C & B			0368406			

Note: [1] Bore size reflects requirements of 1978 ASME Code Revision. Valves shipped before 1978 may have different bore dimensions.

PD = Contact Consolidated Parts Department

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 1900 & 1900-30 SRV's

\*Standard Material \*\*Conventional Only

PART DESCRIPTION	CON. OR BELLOWS	1905 L	1906 L	1910 L	1912 L	1914 L	1916L
CLASS II							
9. DISC HOLDER (Gas/Vapor Service)							
316 SS*	C & B	4656002					
Monel	C & B	4656006					
Hastelloy C	C & B	4656003					
10. DISC HOLDER (Liquid Service LA) See Note 2 for "LS" Design							
316 SS*	C & B	4807401					
Monel	C & B	4807402					
Hastelloy C	C & B						
11. SPINDLE							
410 SS*	C & B	0356101		0379701		0371201	
316 SS	C & B						
Monel	C & B						
Hastelloy C	C & B						
12. BASE STUDS							
Alloy Steel* (each)	C & B	3262551		3271645		3280922	
13. BASE STUD NUTS							
Class 2H Steel* (each)	C & B	2200205		2200207			
CLASS III							
14. GUIDE							
316 SS*	C & B	4650702				0370402	
Monel	C & B	4650703					
Hastelloy C	C & B	4650704					

**Note: [2] "LS" was replaced by "LA" design and valves should be converted to "LA" design by changing Disc Holder & Adjusting Ring..consult factory**

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 1900 & 1900-30 SRV's

\*Standard Material \*\*Conventional Only

PART DESCRIPTION	CON. OR BELLOWS	1905 L	1906 L	1910 L	1912 L	1914 L	1916 L
CLASS III							
15. ADJUSTING RING - Excludes "LS" Design *See Note 3*							
316 SS*	C & B				4947401		
Monel	C & B				4947402		
Hastelloy C	C & B				4947403		
16. SPRING	C & B				SELECT FROM SPRING CHART		
16a.SPRING WASHERS							
Carbon Steel*	C & B	0357901			0152801		0284801
316 SS	C & B	0357903			0152802		0284803
Monel	C & B	0357904			0152804		
Hastelloy C	C & B	0357909			0152808		0284804
CLASS IV							
17. ADJUSTING SCREW							
416 SS*	C & B	0358001			1098001		0268201
316 SS	C & B	0358004			1098004		0268203
Monel	C & B	0358006			1098005		0268206
Hastelloy C	C & B	0358010			1098010		
18. ADJUSTING SCREW LOCK NUT							
416 SS*	C & B	0149701			1099009		0427001
316 SS	C & B	0149703			1099004		0427003
Monel	C & B	0149706			1099005		0427004
Hastelloy C	C & B	0149709			1099008		0427008
19. CAP	C & B				SEE SEPARATE COMPOSITE CAP SHEET		

PD = Contact Consolidated Parts Department

Note: [3] Excludes "LS" Design. When replacing "LS" Adjusting Ring, Disc Holder must be replaced.

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 1900 & 1900-30 SRV's

\*Standard Material \*\*Conventional Only

PART DESCRIPTION	CON. OR BELLOWS	1905 M	1906 M	1910 M	1912 M	1914 M
CLASS I						
1a.DISC						
316 SS*	C & B			0281604		
Monel	C & B			0281603		
Hastelloy C	C & B			0281619		
1b.DISC0-THERMO (TD)						
616 SS*	C & B			4693201		
2. DISC RETAINER						
Inconel X750*	C & B			2410805		
3. SPINDLE RETAINER						
Inconel X750*	C & B			2410810		
4. ADJUSTING RING PIN						
316 SS*	C & B			1076416		
Monel	C & B			1076421		
Hastelloy C	C & B			1076422		
5. BELLOWS	B	SEE SEPARATE BELLOWS SELECTION INTERCHANGEABILITY CHART				
6. GASKETS	C & B	SEE SEPARATE COMPOSITE GASKET SHEET				
CLASS II						
7. NOZZLE (Raised Face) See Note [1]						
316 SS*	C & B			4606601		4606901
Monel	C & B			0282002		4606902
Hastelloy C	C & B			4606604		4606904
8. NOZZLE (Ring Joint) See Note [1]						
316 SS*	C & B	0283402		0282103		0296502
Monel	C & B	0283403		0282102		
Hastelloy C	C & B					

PD = Contact Consolidated Parts Department

Note: [1] Bore size reflects requirements of 1978 ASME Code Revision. Valves shipped before 1978 may have different bore dimensions.



## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 1900 & 1900-30 SRV's

\*Standard Material \*\*Conventional Only

PART DESCRIPTION	CON. OR BELLOWS	1905 M	1906 M	1910 M	1912 M	1914 M
CLASS II						
9. DISC HOLDER (Gas-Vapor Service)						
316 SS*	C & B			4656102		
Monel	C & B			0507402		
Hastelloy C	C & B			0507406		
10. DISC HOLDER (Liquid Service LA) - See Note 2 for "LS" Design						
316 SS*	C & B			4880101		
Monel	C & B			4880102		
Hastelloy C	C & B					
11. SPINDLE						
410 SS*	C & B	0219401		0282301	0284101	
316 SS	C & B	0219403		0282303	0284102	
Monel	C & B	0219405		0282304		
Hastelloy C	C & B					
12. BASE STUDS						
Alloy Steel* (each)	C & B	3262549		3262552	3271648	
13. BASE STUD NUTS						
Class 2H Steel* (each)	C & B	2200205			2200207	
CLASS III						
14. GUIDE						
316 SS*	C & B			4650802		
Monel	C & B			4650803		
Hastelloy C	C & B			4650804		

Note: [1] Bore size reflects requirements of 1978 ASME Code Revision. Valves shipped before 1978 may have different bore dimensions.

[2] "LS" was replaced by "LA" design and valves should be converted to "LA" design by changing Disc Holder & Adjusting Ring..consult factory

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 1900 & 1900-30 SRV's

\*Standard Material \*\*Conventional Only

PART DESCRIPTION	CON. OR BELLOWS	1905 M	1906 M	1910 M	1912 M	1914 M
CLASS III						
15. ADJUSTING RING-Excludes "LS: See Note 3						
316 SS*	C & B	4602801				
Monel	C & B	4602802				
Hastelloy C	C & B	4602803				
16. SPRING	C & B	SELECT FROM SPRING CHART				
16a.UPPER SPRING WASHER						
Carbon Steel*	C & B	0255501		0152801	0284801	
316 SS	C & B	0255502		0152802	0284803	
Monel	C & B	0255504		0152804	-	
Hastelloy C	C & B	0255509		0152808	0284804	
CLASS IV						
17. ADJUSTING SCREW						
416 SS*	C & B	0398401		1098001	0268201	
316 SS	C & B	0398404		1098004	0268203	
Monel	C & B	0398406		1098005	0268206	
Hastelloy C	C & B			1098010		
18. ADJUSTING SCREW LOCK NUT						
416 SS*	C & B	1095701		1099009	0427001	
316 SS	C & B	1095703		1099004	0427003	
Monel	C & B	1095706		1099005	0427004	
Hastelloy C	C & B	1095709		1099008	0427008	
19. CAP	C & B	SEE SEPARATE COMPOSITE CAP SHEET				

**Note: [3] Excludes "LS" Design. When replacing "LS" Adjusting Ring, Disc Holder must be replaced.**

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 1900 & 1900-30 SRV's

\*Standard Material \*\*Conventional Only

PART DESCRIPTION	CON. OR BELLOWS	1905 N	1906 N	1910 N	1912 N	1914 N
CLASS I						
1a.DISC						
316 SS*	C & B			0365804		
Monel	C & B			0365803		
Hastelloy C	C & B			0365814		
1b.DISC-THERMO (TD)						
616 SS*	C & B			4693301		
2. DISC RETAINER						
Inconel X750*	C & B			2410805		
3. SPINDLE RETAINER						
Inconel X750*	C & B			2410810		
4. ADJUSTING RING PIN						
316 SS*	C & B			1076416		
Monel	C & B			1076421		
Hastelloy C	C & B			1076422		
5. BELLOWS	B	SEE SEPARATE BELLOWS SELECTION INTERCHANGEABILITY CHART				
6. GASKETS	C & B	SEE SEPARATE COMPOSITE GASKET SHEET				
CLASS II						
7. NOZZLE (Raised Face) See Note [1]						
316 SS*	C & B			4608001		
Monel	C & B			0364902		
Hastelloy C	C & B			4608004		
8. NOZZLE (Ring Joint) See Note [1]						
316 SS*	C & B	0364802		0380003		0380102
Monel	C & B	0364803		0380002		
Hastelloy C	C & B					

Note: [1] Bore size reflects requirements of 1978 Code Revision. Valves shipped before 1978 may have different bore dimensions.

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 1900 & 1900-30 SRV's

\*Standard Material \*\*Conventional Only

PART DESCRIPTION	CON. OR BELLOWS	1905 N	1906 N	1910 N	1912 N	1914 N
CLASS II						
9. DISC HOLDER (Gas Service)						
316 SS* (-2) [for design (-1) see ***]	C & B			4667001		
Monel (-2) "	C & B			0616503		
Hastelloy C (-2)	C & B			4667003		
10. DISC HOLDER ( Liquid Service LA) (See Note 2 for "LS" Design)						
316 SS*	C & B			4879501		
Monel	C & B			-		
Hastelloy C	C & B					
11. SPINDLE						
410 SS*	C & B	0298001		0367901	0380701	
316 SS	C & B	0298005		0367902	0380702	
Monel		0298004		0376904		
Hastelloy C	C & B					
12. BASE STUDS						
Alloy Steel* (each)	C	3260110		3260101	3270101	
Alloy Steel* (each)	B	3260110		3260101	3270110	
13. BASE STUD NUTS						
Class 2H Steel* (each)	C & B		2200205			2200207
CLASS III						
14. GUIDE						
316 SS* (-2) [for design (-1) see ***]	C & B			4650902		
Monel (-2)	C & B			4650903		
Hastelloy C (-2)	C & B			4650904		

\*\*\*When ordering either the Guide or Holder for the (-1) design valve it will be necessary to update to the (-2) design by changing both the Guide and Holder

Note: [1] Bore size reflects requirements of 1978 Code Revision. Valves shipped before 1978 may have different bore dimensions.

[2] "LS" was replaced by "LA" design and valves should be converted to "LA" design by changing Disc Holder & Adjusting Ring..consult factory

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 1900 & 1900-30 SRV's

\*Standard Material \*\*Conventional Only

PART DESCRIPTION	CON. OR BELLOWS	1905 N	1906 N	1910 N	1912 N	1914 N
CLASS III						
15. ADJUSTING RING - Excludes "LS" See Note 3						
316 SS*	C & B	4603101				
Monel	C & B	4603102				
Hastelloy C	C & B	4603103				
16. SPRING		SELECT FROM SPRING CHART-SEE COMPOSITE SPRING PRICE LIST				
16a. UPPER SPRING WASHER						
Carbon Steel*	C & B	0279601		1097901	0272001	
316 SS	C & B	0279602		1097903	0272002	
Monel	C & B	0279606		1097904	0272006	
Hastelloy C	C & B	0279608				
CLASS IV						
17. ADJUSTING SCREW						
416 SS*	C & B	0398401		1098001	0276201	
316 SS	C & B	0398404		1098004	0276202	
Monel	C & B	0398406		1098005	0276203	
Hastelloy C	C & B	0398409		1098010		
18. ADJUSTING SCREW LOCK NUT						
416 SS*	C & B	1095701		1099009	0299901	
316 SS	C & B	1095703		1099004	0299903	
Monel	C & B	1095706		1099005	0299904	
Hastelloy C	C & B	1095709		1099008		
19. CAP	C & B	SEE SEPARATE COMPOSITE CAP SHEET				

**Note: [3] Excludes "LS" Design. When replacing "LS" Adjusting Ring, Disc Holder must be replaced.**

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 1900 & 1900-30 SRV's

\*Standard Material \*\*Conventional Only

PART DESCRIPTION	CON. OR BELLOWS	1905 P	1906 P	1910 P	1912 P	1914 P
CLASS I						
1A. DISC						
316 SS*	C & B	0272504				
Monel	C & B	0272503				
Hastelloy C	C & B	0272505				
1B. DISC THERMO (TD)						
616 SS*	C & B	4693401				
2. DISC RETAINER						
Inconel X750*	C & B	2410804				
3. SPINDLE RETAINER						
Inconel X750*	C & B	2410811				
4. ADJUSTING RING PIN						
316 SS*	C & B	1077710				
Monel	C & B	1077712				
Hastelloy C	C & B					
5. BELLOWS	B	SEE SEPARATE BELLOWS SELECTION INTERCHANGEABILITY CHART				
6. GASKETS	C & B	SEE SEPARATE COMPOSITE GASKET SHEET				
CLASS II						
7. NOZZLE (Raised Face) See Note [1]						
316 SS*	C & B	4595501		4595601		
Monel	C & B	4595502		4595602		
Hastelloy C	C & B	4595505		4595604		
8. NOZZLE (Ring Joint) See Note [1]						
316 SS*	C & B	0625002	0298602	0271503		0284502
Monel	C & B	0625003	0298603	0271502		
Hastelloy C	C & B					

Note: [1] Bore size reflects requirements of 1978 Code Revision. Valves shipped before 1978 may have different bore dimensions.

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 1900 & 1900-30 SRV's

\*Standard Material \*\*Conventional Only

PART DESCRIPTION	CON. OR BELLOWS	1905 P	1906 P	1910 P	1912 P	1914 P
CLASS II						
9. DISC HOLDER (Gas-Vapor Service)						
316 SS* (-2) [for design (-1) see ***]	C & B	4667201				
Monel (-2)	C & B	0616802				
Hastelloy C (-2)	C & B	4667202				
10. DISC HOLDER (Liquid Service LA) (See Note 2 for "LS" design)						
316 SS*	C & B	4879401				
Monel	C & B	-	-	-	-	-
Hastelloy C	C & B					
11. SPINDLE						
410 SS*	C & B	0274301		0272801	0276701	
316 SS	C & B	0274303		0272805	0276702	
Monel	C & B	0274305		0272803	0276704	
Hastelloy C	C & B					
12. BASE STUDS						
Alloy Steel* (each)	C & B	3262521		3271646	3280922	
13. BASE STUD NUTS						
Class 2H Steel* (each)	C & B	2200205		2200207	2200208	
CLASS III						
14. GUIDE						
316 SS* (-2) [for design (-1) see ***]	C & B	4651002			6126901	
Monel (-2)	C & B	4651003				
Hastelloy C (-2)	C & B	4651004				

\*\*\*When ordering either the Guide or Holder for the (-1) design valve it will be necessary to update to the (-2) design by changing both the Guide and Holder

Note: [1] Bore size reflects requirements of 1978 Code Revision. Valves shipped before 1978 may have different bore dimensions.

[2] "LS" was replaced by "LA" design and valves should be converted to "LA" design by changing Disc Holder & Adjusting Ring..consult factory

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 1900 & 1900-30 SRV's

\*Standard Material \*\*Conventional Only

PART DESCRIPTION	CON. OR BELLOWS	1905 P	1906 P	1910 P	1912 P	1914 P
CLASS III						
15. ADJUSTING RING-Excludes "LS" Design (See Note 3)						
316 SS*	C & B	4603401				
Monel	C & B	4603402				
Hastelloy C	C & B	4603403				
16. SPRING	C & B	SELECT FROM SPRING CHART-CONTACT FACTORY				
16a.UPPER SPRING WASHER						
Carbon Steel*	C & B	0273901		0272001	0259701	
316 SS	C & B	0273902		0272002	0259703	
Monel	C & B	0273905		0272006	0259704	
Hastelloy C	C & B	0273906				
CLASS IV						
17. ADJUSTING SCREW						
416 SS*	C & B	1098001		0103601	0276201	
316 SS	C & B	1098004		0103604	0276202	
Monel	C & B	1098005		0103605	0276203	
Hastelloy C	C & B	1098010		0103612		
18. ADJUSTING SCREW LOCK NUT						
416 SS*	C & B	1099009		0427001	0299901	
316 SS	C & B	1099004		0427003	0299903	
Monel	C & B	1099005		0427004	0299904	
Hastelloy C	C & B	1099008		0427008		
19. CAP	C & B	SEE SEPARATE COMPOSITE CAP SHEET				

**Note: [3] Excludes "LS" Design. When replacing "LS" Adjusting Ring, Disc Holder must be replaced.**



## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 1900 & 1900-30 SRV's

\*Standard Material \*\*Conventional Only

PART DESCRIPTION	CON. OR BELLOWS	1905 Q	1906 Q	1910 Q	1912 Q	
CLASS I						
1a.DISC						
316 SS*	C & B	0253204				
Monel	C & B	0253203				
Hastelloy C	C & B	0253206				
1b.DISC-THERMO (TD)						
616 SS*	C & B	4693501				
2. DISC RETAINER						
Inconel X750*	C & B	2410803				
3. SPINDLE RETAINER						
Inconel X750*	C & B	2410811				
4. ADJUSTING RING PIN						
316 SS*	C & B	1077710				
Monel	C & B	1077712				
Hastelloy C	C & B					
5. BELLOWS	B	SEE SEPARATE BELLOWS SELECTION INTERCHANGEABILITY CHART				
6. GASKETS	C & B	SEE SEPARATE COMPOSITE GASKET SHEET				
CLASS II						
7. NOZZLE (Raised Face) See Note [1]						
316 SS*	C & B	0253302				
Monel	C & B	0253303				
Hastelloy C	C & B	0253305				
8. NOZZLE (Ring Joint) See Note [1]						
316 SS*	C & B	0332602	0255803			
Monel	C & B	0332603	0255802			
Hastelloy C	C & B					

Note: [1] Bore size reflects requirements of 1978 Code Revision. Valves shipped before 1978 may have different bore dimensions.

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 1900 & 1900-30 SRV's

\*Standard Material \*\*Conventional Only

PART DESCRIPTION	CON. OR BELLOWS	1905 Q	1906 Q	1910 Q	1912 Q	
CLASS II						
9. DISC HOLDER (GAS-VAPOR SERVICE)						
316 SS* (-2)[For Design (-1) See ***]	C & B		4845001			
Monel	C & B		4845002			
Hastelloy C	C & B		4845003			
10. DISC HOLDER (Liquid Service LA) (SEE NOTE 2 FOR "LS" DESIGN)						
316 SS* (-2) [For Design (-1) See ***]	C & B		4882201			
Monel	C & B		4882202			
Hastelloy C	C & B					
11. SPINDLE						
410 SS*	C & B	0283101		0393901	0260101	
316 SS	C & B	0283102		0393903	0260104	
Monel	C & B	0283105		0393905	0260103	
Hastelloy C	C & B					
12. BASE STUDS						
Alloy Steel* (each)	C & B	3262552		3261646	3280922	
13. BASE STUD NUTS						
Class 2H Steel* (each)	C & B	2200205		2200207	2200208	
CLASS III						
14. GUIDE						
316 SS* (-2) [For Design (-1) See ***]	C & B		4845101			
Monel	C & B		4845102			
Hastelloy C	C & B		4845103			

\*\*\* When ordering either the Guide or Holder for the (-1) design valve it will be necessary to update to the (-2) design by changing both the Guide and Holder.

Note: [1] Bore size reflects requirements of 1978 Code Revision. Valves shipped before 1978 may have different bore dimensions.

[2] Old part numbers will eventually be replaced by the new numbers in ().

[2] "LS" was replaced by "LA" design and valves should be converted to "LA" design by changing Disc Holder & Adjusting Ring..consult factory

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 1900 & 1900-30 SRV's

\*Standard Material    \*\*Conventional Only

PART DESCRIPTION	CON. OR BELLOWS	1905 Q	1906 Q	1910 Q	1912 Q	
CLASS III						
15. ADJUSTING RING (Note 3 Excludes LS)						
316 SS*	C & B	4952001				
Monel	C & B	4952002				
Hastelloy C	C & B	4952003				
16. SPRING	C & B	SELECT FROM SPRING CHART				
16a. SPRING WASHERS						
Carbon Steel*	C & B	0278601		0259701	4906401	
316 SS	C & B	0278603		0259703	4906403	
Monel	C & B	0278604		0259704	4906404	
Hastelloy C	C & B	0278606				
CLASS IV						
17. ADJUSTING SCREW						
416 SS*	C & B	0154801		0103601	0260301	
316 SS	C & B	0154802		0103604	0260304	
Monel	C & B	0154804		0103605	0260303	
Hastelloy C	C & B	0154807		0103612	0260306	
18. ADJUSTING SCREW LOCK NUT						
416 SS*	C & B	1099009		0427001	0259605	
316 SS	C & B	1099004		0427003	0259603	
Monel	C & B	1099005		0427004	0259604	
Hastelloy C	C & B	1099008		0427008	0259608	
19. CAP	C & B	SEE SEPARATE COMPOSITE CAP SHEET				

**Note: [3] Excludes "LS" Design. When replacing "LS" Adjusting Ring, Disc Holder must be replaced.**

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 1900 & 1900-30 SRV's

\*Standard Material \*\*Conventional Only

PART DESCRIPTION	CON. OR BELLOWS	1905 R	1906 R	1910 R	1912 R
CLASS I					
1a.DISC					
316 SS*	C & B		0264703		
Monel	C & B		0264704		
Hastelloy C	C & B		0264712		
1b.DISC-THERMO (TD)					
616 SS*	C & B		4693601		
2. DISC RETAINER					
Inconel X750*	C & B		2410801		
3. SPINDLE RETAINER					
Inconel X750*	C & B		2410811		
4. ADJUSTING RING PIN					
316 SS*	C & B		1077710		
Monel	C & B		1077712		
Hastelloy C	C & B		1077724		
5. BELLOWS	B	SEE SEPARATE BELLOWS SELECTION INTERCHANGEABILITY CHART			
6. GASKETS	C & B	SEE SEPARATE COMPOSITE GASKET SHEET			
CLASS II					
7. NOZZLE (Raised Face) See Note [1]					
316 SS*	C & B		0264302		
Monel	C & B		0264303		
Hastelloy C	C & B		0264309		
8. NOZZLE (Ring Joint) See Note [1]					
316 SS*	C & B	0342202		0264402	
Monel	C & B	0342203		0264403	
Hastelloy C	C & B				

**Note: [1] Bore size reflects requirements of 1978 Code Revision. Valves shipped before 1978 may have different bore dimensions.**

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 1900 & 1900-30 SRV's

\*Standard Material \*\*Conventional Only

PART DESCRIPTION	CON. OR BELLOWS	1905 R	1906 R	1910 R	1912 R
CLASS II					
9. DISC HOLDER (Gas-Vapor Service)					
316 SS* (-2) [For Design (-1) See ***]	C & B		4844801		
Monel	C & B		4844802		
Hastelloy C	C & B		4844803		
10.DISC HOLDER (Liquid Service LA) (See Note 2 for "LS" Design)					
316**	C & B		4879301		
Monel	C & B		-		
Hastelloy C	C & B				
11.SPINDLE					
410 SS*	C & B	0283101		0393901	0287501
316 SS	C & B	0283102		0393903	0287502
Monel	C & B	0283105		0393905	0287504
Hastelloy C	C & B				
12.BASE STUDS Alloy Steel* (each)	C & B		3262552		3271646
13.BASE STUD NUTS Class 2H Steel* (each)	C & B		2200205		2200207
CLASS III					
14.GUIDE					
316 SS*	C & B		4845301		
Monel	C & B		4845302		
Hastelloy C	C & B		4845303		

\*\*\* When ordering either the Guide or Holder for the (-1) design valve it will be necessary to update to the (-2) design by changing both the Guide and Holder.

Note: [1] Bore size reflects requirements of 1978 Code Revision. Valves shipped before 1978 may have different bore dimensions.

[2] "LS" was replaced by "LA" design and valves should be converted to "LA" design by changing Disc Holder & Adjusting Ring..consult factory

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 1900 & 1900-30 SRV's

\*Standard Material \*\*Conventional Only

PART DESCRIPTION	CON. OR BELLOWS	1905 R	1906 R	1910 R	1912 R	
CLASS III						
15. ADJUSTING RING - Excludes "LS" design See Note 3						
316 SS*	C & B		4951801			
Monel	C & B		4951802			
Hastelloy C	C & B		4951803			
16. SPRING		SELECT FROM SPRING CHART-OR CONTACT FACTORY				
16a.SPRING WASHERS						
Carbon Steel*	C & B	0278601		0259701		
316 SS	C & B	0278603		0259703		
Monel	C & B	0278604		0259704		
Hastelloy C	C & B	0278606				
CLASS IV						
17. ADJUSTING SCREW						
416 SS*	C & B	0154801		0103601		
316 SS	C & B	0154802		0103604		
Monel	C & B	0154804		0103605		
Hastelloy C	C & B	0154807		0103612		
18. ADJUSTING SCREW LOCK NUT						
416 SS*	C & B	1099009		0427001		
316 SS	C & B	1099004		0427003		
Monel	C & B	1099005		0427004		
Hastelloy C	C & B	1099008		0427008		
19. CAP	C & B	SEE SEPARATE COMPOSITE CAP SHEET				

**Note: [3] Excludes "LS" Design. When replacing "LS" Adjusting Ring, Disc Holder must be replaced.**

**SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST**  
**1900 & 1900-30 SRV's**  
**T ORIFICE**

\*Standard Material

		Standard Bore			Increased Bore		
PART DESCRIPTION	CON. OR BELLOWS	1905T-3	1906T-3	1910-2T-2	1905T-4	1906T-4	1910T-4
CLASS I							
1a.DISC							
316 SS*	C & B	0427102			4963301		
Monel	C & B	0427105			4963302		
Hastelloy C	C & B	0427111			4963303		
1b.DISC-THERMO (TD)							
616 SS*		4693701			4964101		
2. DISC RETAINER							
Inconel X750*	C & B	2410801			2410801		
3. SPINDLE RETAINER							
Inconel X750*	C & B	2410811			2410811		
4. ADJUSTING RING PIN							
316 SS*	C & B	4942401					
Monel	C & B	4942402					
Hastelloy C	C & B	4942405					
5. BELLOWS	B	SEE SEPARATE BELLOWS SELECTION INTERCHANGEABILITY CHART					
6. GASKETS	C & B	SEE SEPARATE COMPOSITE GASKET SHEET					
CLASS II							
7. NOZZLE (Raised Face) See Note [1]							
316 SS*	C & B	0682102			4963401		
Monel	C & B	0682103			4963402		
Hastelloy C	C & B	0682108			4963403		
8. Nozzle (Ring Joint) See Note [1]							
316 SS*	C & B	0682203					
Monel	C & B	0682202					
Hastelloy C	C & B						

**Note: [1] Bore size reflects requirements of 1978 Code Revision. Valves shipped before 1978 may have different bore dimensions.**

**SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST**  
**1900 & 1900-30 SRV's**  
**T ORIFICE**

**\*Standard Material**

PART DESCRIPTION	CON. OR BELLOWS	Standard Bore			Increased Bore		
		1905T-3	1906T-3	1910-2T-2	1905T-4	1906T-4	1910T-4
9. DISC HOLDER (Gas-Vapor Service)							
316 SS* (-3) [For Design (-2) See **]	C & B	4844601			4963201		
Monel	C & B	4844602			4963202		
Hastelloy C	C & B	4844603			4963203		
10. DISC HOLDER (Liquid Service LA) (See Note 2 for "LS" Service)							
316 SS* (-3) [For Design (-2) See **]	C & B	4879101			4964001		
Monel	C & B	-			4964002		
Hastelloy C	C & B				4964003		
11. SPINDLE							
410 SS*	C & B	0427701		4056001	0427701		4056001
316 SS	C & B	0427702		4056002	0427702		4056002
Monel	C & B	0427703		4056003	0427703		4056003
Hastelloy C	C & B						
12. BASE STUDS Alloy Steel* (each)	C & B	3271645		3271648	3271645		3271648
13. BASE STUD NUTS Class 2H Steel*	C & B	2200207			2200207		
CLASS III							
14. GUIDE							
316 SS* (-3) [For Design (-2) See **]	C & B	4845501					
Monel	C & B	4845502					
Hastelloy C	C & B	4845503					

**\*\* When ordering either the Guide or Holder for the (-1) design valve it will be necessary to update to the (-2) design by changing both the Guide and Holder.**  
**[2] "LS" was replaced by "LA" design and valves should be converted to "LA" design by changing Disc Holder & Adjusting Ring..consult factory**



**SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST**  
**1900 & 1900-30 SRV's**  
**T ORIFICE**

\*Standard Material

Revised: 5/23/2006

		Standard Bore			Increased Bore		
PART DESCRIPTION	CON. OR BELLOWS	1905T-3	1906T-3	1910-2T-2	1905T-4	1906T-4	1910T-4
15. Adjusting Ring - Excludes "LS" Design See Note 3							
316 SS*	C & B	4604301			4963501		
Monel	C & B	4604302			4963502		
Hastelloy C	C & B	4604303			4963503		
16. SPRING		Select from Spring Chart - Or Contact Factory					
16a.SPRING WASHERS							
Carbon Steel*	C & B	0427301		0336101	0427301		0336101
316 SS	C & B	0427302		0336103	0427302		0336103
Monel	C & B	0427304		0336104	0427304		0336104
Hastelloy C	C & B						
CLASS IV							
17. Adjusting Screw							
416 SS*	C & B	0428101		0260301	0428101		0260301
316 SS	C & B	0428102		0260304	0428101		0260304
Monel	C & B	0428103		0260303	0428103		0260303
Hastelloy C	C & B						
18. Adjusting Screw Lock Nut							
416 SS*	C & B	0427001		0259605	0427001		0259605
316 SS	C & B	0427003		0259603	0427003		0259603
Monel	C & B	0427004		0259604	0427004		0259604
Hastelloy C	C & B	0427008		0259608	0427008		0259608
19. CAP	C & B	See Separate Composite Cap Sheet					

**Note: [3] Excludes "LS" Design. When replacing "LS" Adjusting Ring, Disc Holder must be replaced.**

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 1900 & 1900-30 SRV's

\*Standard Material

PART DESCRIPTION	CON. OR BELLOWS	1905V	1906V	1910V	
CLASS I					
1a.DISC					
316 SS*	C & B		4948201		
Monel	C & B				
1b.DISC-THERMO (TD)					
616 SS*	C & B		5031201		
2. DISC RETAINER SCREW					
316 SS*	C & B		4864501		
Monel	C & B				
3. ADJUSTING RING PIN					
316 SS*	C & B		4950201		
Monel	C & B				
5. BELLOWS	B	See Separate Bellows Selection Interchangability Chart			
6. GASKETS	C & B	See Separate Composite Gasket Sheet			
CLASS II					
7. NOZZLE					
316 SS*	C & B		4948001		
Monel	C & B				
8. DISC HOLDER - Low Pressure					
316 SS*	C				
Monel	C & B				
9. DISC HOLDER - High Pressure					
316 SS*	C		4948401		
316 SS*	B		4949101		
Monel	C				
Monel	B				
Hastelloy C	C				
Hastelloy C	B				

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 1900 & 1900-30 SRV's

**\*Standard Material**

PART DESCRIPTION	CON. OR BELLOWS	1905V	1906V	1910V		
CLASS II						
10. SPINDLE - LOW PRESSURE						
316 SS*	C & B					
Monel	C & B					
Hastelloy C	C & B					
11. SPINDLE - HIGH PRESSURE						
316 SS*	C & B	4950301		5011201		
Monel	C & B					
Hastelloy C	C & B					
12. BASE STUDS						
Alloy Steel*	C & B	3271648				
13. BASE STUD NUTS						
Class 2H Steel*	C & B	2200207				
CLASS III						
14. GUIDE						
CA15 SS*	C	4949301				
316 SS	C	4949302				
CA15 SS*	B	4949501				
316 SS*	B					
Monel	C					
Monel	B					
Hastelloy C	C					
Hastelloy C	B					
15. ADJUSTING RING						
CA15 SS*	C & B	4949901				
316 SS	C & B	4949902				
Monel	C & B					
Hastelloy C	C & B					

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 1900 & 1900-30 SRV's

\*Standard Material

PART DESCRIPTION	CON. OR BELLOWS	1905V	1906V	1910V		
CLASS III						
16. SPRING		Select for Spring Chart - OR CONTACT FACTORY				
16a.SPRING WASHER - HIGH PRESSURE						
Carbon Steel*	C & B	4950501(2)	4950601(2)			
316 SS	C & B	4950502(2)	4950602(2)			
Monel	C & B					
Hastelloy C	C & B					
16b.SPRING WASHER - LOW PRESSURE						
Carbon Steel	C & B		-			
316 SS*	B					
Monel	C & B					
Hastelloy C	C & B					
16c.SPRING PLUNGER						
616 SS*	C & B	4867601				
CLASS IV						
17. COMPRESSION SCREW						
616 SS*	C & B	4867501				
316 SS*						
Monel						
Hastelloy C						
18. COMP. SCREW LOCK NUT						
416 SS*	C & B	4864801				
316 SS	C & B	4864802				
Monel	C & B					
Hastelloy C	C & B					
19. CAP		See Separate Composite Cap Sheet				

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 1900 & 1900-30 SRV's

**\*Standard Material**

PART DESCRIPTION	CON. OR BELLOWS	1905W	1906W	1910W		
CLASS I						
1a.DISC						
316 SS*	C & B		4862801			
Monel	C & B					
Hastelloy C						
1b.DISC-THERMO (TD)						
616 SS*	C & B		4971001			
2. DISC RETAINER SCREW						
316 SS*	C & B		4864501			
Monel	C & B					
Hastelloy C						
3. ADJUSTING RING PIN						
316 SS*	C & B		4864901			
Monel	C & B					
Hastelloy C	C & B					
5. BELLOWS	B	See Separate Bellows Selection Interchangability Chart				
6. GASKETS	C & B	See Separate Composite Gasket Sheet				
CLASS II						
7. NOZZLE						
316 SS*	C & B		4435301			
Monel	C & B					
8. DISC HOLDER - Low Pressure						
316 SS*	C		4911801			
Monel						
Hastelloy C						
9. DISC HOLDER - High Pressure						
316 SS*	C		4863501			
316 SS*	B		4398701			
Monel	C					
Monel	B					
Hastelloy C	C					
Hastelloy C	B					

**SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST**  
**1900 & 1900-30 SRV's**

PART DESCRIPTION	CON. OR BELLOWS	1905W	1906W	1910W		
CLASS II						
10. SPINDLE - LOW PRESSURE						
316 SS*	C & B		4911401			
Monel	C & B					
Hastelloy C	C & B					
11. SPINDLE - HIGH PRESSURE						
316 SS*	C & B		4863801			
Monel	C & B					
Hastelloy C	C & B					
12. BASE STUDS						
Alloy Steel*	C & B		3271648			
13. BASE STUD NUTS						
Class 2H Steel*	C & B		2200207			
CLASS III						
14. GUIDE						
CA15 SS*	C		4864101			
316 SS	C		4864102			
CA15 SS*	B		4398601			
316 SS*	B					
Monel	C					
Monel	B					
Hastelloy C	C					
Hastelloy C	B					
15. ADJUSTING RING						
CA15 SS*	C & B		4437801			
316 SS	C & B		4437802			
Monel	C & B					
Hastelloy C	C & B					

\*Standard Material

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 1900 & 1900-30 SRV's

\*Standard Material

PART DESCRIPTION	CON. OR BELLOWS	1905W	1906W	1910W		
CLASS III						
16. SPRING		Select for Spring Chart - OR CONTACT FACTORY				
16a.SPRING WASHER - HIGH PRESSURE						
Carbon Steel*	C & B	4874001		4873801		
316 SS	C & B	4874002		4873802		
Monel	C & B					
Hastelloy C	C & B					
16b.SPRING WASHER - LOW PRESSURE						
Carbon Steel	C & B	4911001		-		
316 SS*	B					
Monel	C & B					
Hastelloy C	C & B					
16c.SPRING PLUNGER						
616 SS*	C & B	4867601				
CLASS IV						
17. COMPRESSION SCREW						
616 SS*	C & B	4867501				
316 SS*	C & B					
Monel	C & B					
Hastelloy C	C & B					
18. COMP. SCREW LOCK NUT						
416 SS*	C & B	4864801				
316 SS	C & B	4864802				
Monel	C & B					
Hastelloy C	C & B					
19. CAP	C & B	See Separate Composite Cap Sheet				

**SRV/SPRL - 1/02**  
**Effective June 2002**  
**Supersedes SRV / SPRL - 1/01**  
**Dated April, 2001**  
**Section 1, Page 64**

\* STANDARD MATERIAL

[illegible]

**BOLTED CAPS  
FOR 1900 & 1900-30 (CONVENTION & BELLOWS DESIGN)  
(Model Description Code "32")**

[illegible]



**SRV/SPRL - 1/02**  
**Effective June 2002**  
**Supersedes SRV / SPRL - 1/01**  
**Dated April, 2001**  
**Section 1, Page 65**

\*Standard Material

[illegible]

## RELEASE NUT FOR PLAIN LEVER ASSEMBLY

[illegible]

**SRV/SPRL - 1/02**  
**Effective June 2002**  
**Supersedes SRV / SPRL - 1/01**  
**Dated April, 2001**  
**Section 1, Page 66**

[illegible][illegible]

# 1900 & 1900-30 SRV Gasket Kits

SRV/SPRL -1/02  
Effective June 2002  
Supercedes SRV/SPRL - 1/01  
Dated April, 2001  
Section 1, Page 67

Valve Type	Orifice	Gasket Material*	Kit Part No.	Bonnet/ Guide Gasket**	Cap Gasket	Bellows Gasket	Adj. Ring Pin Gasket	Gag Plug Gasket	Disc Retainer	Spindle Retainer Conv. Valve	Spindle Retainer Bellows Valve
1905/06/10/20 1912 1922	D-E-F-G D-E D-E-F	Soft Iron	GK33	3630104	3620106	3590101	3602505	3600103	2410802	2410809	2410808
		Monel	GK33/S4	3630504	3620506	3590301	3600605	3600603	2410802	2410809	2410808
1912 1914/16/24/26 1922	F-G D-E G	Soft Iron	GK34	3640103	3620108	3590101	3602505	3600103	2410802	2410809	
		Monel	GK34/S4	3640503	3620508	3590301	3600605	3600603	2410802	2410809	
1918 1928	D-E-F-G D-E-F	Soft Iron	GK35	3650101	3630102	3590101	3602505	3610108	2410802	2410809	2410808
		Monel	GK35/S4	3650401	3630502	3590301	3600605	3610508	2410802	2410809	2410808
1914/16/24/26 1928	F-G G	Soft Iron	GK36	3640106	3620108	3590101	3602505	3600103	2410802	2410809	2410808
		Monel	GK36/S4	3640506	3620508	3590301	3600605	3600603	2410802	2410809	2410808
1905/06/10/12 1920/22/24	H	Soft Iron	GK38	3640103	3620106	3590102	3602505	3600103	2410802	2410809	2410804
		Monel	GK38/S4	3640503	3620506	3590302	3600605	3600603	2410802	2410809	2410804
1914/16/26	H	Soft Iron	GK37	3640106	3630102	3590102	3602505	3610108	2410802	2410809	2410804
		Monel	GK37/S4	3640506	3630502	3590302	3600605	3610508	2410802	2410809	2410804
1905/06/10 1920/22	J	Soft Iron	GK39	3640106	3620106 3620108	3590103	3602505	3600103	2410802	2410809	
		Monel	GK39/S4	3640506	3620506 3620508	3590303	3600605	3600603	2410802	2410809	
1912/14/16 1924/26	J	Soft Iron	GK40	3650101	3630102	3590103	3602505	3610108	2410802	2410809	
		Monel	GK40/S4	3650401	3630502	3590303	3600605	3610508	2410802	2410809	
1905/06/10/12 1920/22/24	K	Soft Iron	GK41	3650105	3620108 3630102	3590104	3602505	3600103 3610108	2410802	2410803	
		Monel	GK41/S4	3650405	3620508 3630502	3590304	3600605	3600603 3610508	2410802	2410803	
1914/16/26	K	Soft Iron	GK42	3650106	3640101	3590104	3602505	3610102	2410802	2410803	
		Monel	GK42/S4	3650406	3640501	3590304	3600605	3610502	2410802	2410803	
1905/06/10/12 1920/22	L	Soft Iron	GK43	3650109	3630102	3590105	3602505	3610108	2410805	2410803	
		Monel	GK43/S4	3650409	3630502	3590305	3600605	3610508	2410805	2410803	
1914/16 1924/26	L	Soft Iron	GK44	3660104	3640101	3590105	3602505	3610102	2410805	2410803	
		Monel	GK44/S4	3660304	3640501	3590305	3600605	3610502	2410805	2410803	

\*Disc & Spindle Retainer Mat'l is Inconel X-750

\*\* Qty 2 Gaskets Req'd for each valve

# 1900 & 1900-30 SRV Gasket Kits

SRV/SPRL –1/02  
Effective June 2002  
Supercedes SRV/SPRL – 1/01  
Dated April, 2001  
Section 1, Page 68

Valve Type	Orifice	Gasket Material*	Kit Part No.	Bonnet/ Guide Gasket**	Cap Gasket	Bellows Gasket	Adj. Ring Pin Gasket	Gag Plug Gasket	Disc Retainer	Spindle Retainer Conv. Valve	Spindle Retainer Bellows Valve
1905/06/10/12 1914/20/22/24	M	Soft Iron	GK45	3650112	3630102 3640101	3590106	3602505	3610102 3610108	2410805		2410810
		Monel	GK45/S4	3650412	3630502 3640501	3590306	3600605	3610502 3610508	2410805		2410810
1905/06/10/12 1914/20/22/24	N	SoftIron	GK46	3660104	3630102 3640101	3590106	3602505	3610102 3610108	2410805		2410810
		Monel	GK46/S4	3660304	3630502 3640501	3590306	3600605	3610502 3610508	2410805		2410810
1905/06/10/20	P	Soft Iron	GK47	3660107	3630102 3640101	3590107	3602505	3610102 3610108	2410804		2410811
		Monel	GK47/S4	3660307	3630502 3640501	3590307	3600605	3610502 3610508	2410804		2410811
1912/14/23/24	P	Soft Iron	GK48	3660108	3640101	3590107	3602505	3610102	2410804		2410811
		Monel	GK48/S4	3660308	3640501	3590307	3600605	3610502	2410804		2410811
1905/06/10/12 1920/22	Q	Soft Iron	GK49	3670104	3640101	3590108	3602505	3610102	2410803		2410811
		Monel	GK49/S4	3670404	3640501	3590308	3600605	3610502	2410803		2410811
1905/06/10/12 1920/22	R	Soft Iron	GK50	3670107	3640101	3590109	3602505	3610102	2410801		2410811
		Monel	GK50/S4	3670407	3640501	3590309	3600605	3610502	2410801		2410811
1905/06/10 1920/21	T	Soft Iron	GK51	3670108	3640101	3590110	3602505	3610102	2410801		2410811
		Monel	GK51/S4	3670408	3640501	3590310	3600605	3610502	2410801		2410811
1905/06/10 1912/20	V	Soft Iron	CONTACT FACTORY FOR PART NOs								
		Monel									
1905/06/10/ 1912/20	W	Soft Iron	GK52	3670113	3650104	3670114 3670115	3610117	3610102			N/A
		Monel	GK52/S4	3670413	3650404	3670414 3670415	3610517	3610502			N/A

\*Disc & Spindle Retainer Mat'l is Inconel X-750

\*\* Qty 2 Gaskets Req'd for each valve

## 1900 BELLOWS MATERIAL REFERENCE CHART Rev.6 - January 2004

INFORMATION PROVIDED HEREIN DETAILS BY VALVE ORIFICE AND PRESSURE CLASS THE BELLOWS THAT HAVE BEEN SUPPLIED TO DATE. CURRENTLY DRESSER'S STANDARD CATALOGED MATERIAL FOR CONSOLIDATED 1900 PRESSURE RELIEF VALVES IS 316ST \* 316 ST \* INCONEL 625 LCF (NOT QUALIFIED FOR NACE.)

APPLICATION REFERENCES HEREIN ARE GENERAL GUIDES ONLY. DRESSER SHOULD BE CONSULTED FOR ACTUAL PART NUMBER SELECTION BASED ON VALVE'S APPLICATION SPECIFICATIONS.

INFORMATION HEREIN IS NOT WARRANTED AND MAY CHANGE WITHOUT NOTICE.

### ORIFICE INDEX

	D & E -2; F-1,-2	G
D & E -1		
H	J	K
L	M	N
P	Q	R
T	V	W



Consolidated Valve Operations  
P.O. Box 1430  
Alexandria, LA , USA 71309-1430  
318 640 2250  
[www.dresser.com](http://www.dresser.com)

1900 BELLOWS D & E -1,-3 ORIFICE

Material			NOTES & REMARKS	PRESSURE CLASS						
RING	FLANGE	BELLOWS		1905	1906	1910 1920	1912 1922	1914 1924	1916 1926	1918 1928
A	B	B	LP	4659801	4659801	4659801	4659801	4659901	4659901	4660101
C	D	D	LP	4659809	4659809	4659809	4659809			
F	F	F	LP	4659807	4659807	4659807	4659807	4659906	4659906	
A	B	E	HP	4659808	4659808	4659808	4659808			4660105
A	B	B	HP	4659802	4659802	4659802	4659802	4659902	4659902	4660102
C	D	D	HP	4659803	4659803	4659803	4659803	4659903	4659903	4660103
F	F	F	HP	4659805	4659805	4659805	4659805	4659904	4659904	4660104
A	B	E	HP	4659806	4659804	4659804	4659804	4659905	4659905	
E	E	E	HP	4659804	4659804	4659804	4659804			
A	B	L	LP	4659810	4659810	4659810	4659810			
G	G	G	LP	4659811	4659811	4659811	4659811			
A	B	E	XLP	4659812	4659812	4659812	4659812			
E	E	E	LP	4659813	4659813	4659813	4659813			
E	E	E	LP, HY	4659814	4659814	4659814	4659814			
B	B	E	LP, SG	4659815	4659815	4659815	4659815	4659907	4659907	4660107
B	B	E	HP, SG	4659816	4659816	4659816	4659816	4659908	4659908	4660108
F	F	F	LP	4659817	4659817	4659817	4659817			
H	H	H	LP	4659818	4659818	4659818	4659818			
B	B	B	HP	4659819	4659819	4659819	4659819			4660106
B	B	E	LP	4659820	4659820	4659820	4659820	4659911	4659911	4660109
B	B	E	HP	4659821	4659821	4659821	4659821	4659912	4659912	4660110
B	B	M	LP	4659828	4659828	4659828	4659828	4659914	4659914	4660111
B	B	M	HP	4659829	4659829	4659829	4659829	4659915	4659915	4660112
B	B	B	LP	4659822	4659822	4659822	4659822			
L	L	L	HP	4659823	4659823	4659823	4659823			

Material Codes

A	304 ST ST	H	ALLOY 20
B	316L ST ST	J	TEFLON COATED
C	Monel B164 GR NO4400	K	Incoloy 825
D	Monel B127 GR NO4400	L	Inconel 600
E	INCONEL 625	M	Inconel 625 LCF
F	HASTELLOY C	N	304L ST ST
G	HASTELLOY B		

REMARK CODES

HP	- HIGH PRESSURE APPLICATIONS
LP	- LOW PRESSURE APPLICATIONS
SG	- NACE QUALIFIED
HY	- SPECIAL HYDRO
XLP	- EXTRA LOW PRESSURE
XHP	- EXTRA HIGH PRESSURE

CURRENT STANDARD MATERIAL

1900 BELLOWS D&E-2 -4, F-1,-2 ORIFICE

Material			NOTES & REMARKS	PRESSURE CLASS							
RING	FLANGE	BELLOWS		1905	1906	1910 1920	1912	1914 1924	1922	1916 1926	1918 1928
A	B	B	LP	4659801	4659801	4659801	4659901	4660001	4659801	4660001	4660101
A	B	B	HP	4659802	4659802	4659802	4659902	4660002	4659802	4660002	4660102
C	D	D	HP	4659803	4659803	4659803	4659903	4660003	4659803	4660003	4660103
E	E	E	HP	4659804	4659804	4659804		4660006	4659804	4660006	
F	F	F	HP	4659805	4659805	4659805	4659904	4660004	4659805	4660004	4660104
A	B	E	HP	4659806	4659806	4659806	4659905	4660005	4659806	4660005	
F	F	F	LP	4659807	4659807	4659807	4659906		4659807		
A	B	E	LP	4659808	4659808	4659808			4659808		4660105
C	D	D	LP	4659809	4659809	4659809			4659809		
A	B	L	HP	4659810	4659810	4659810			4659810		
G	G	G	LP	4659811	4659811	4659811			4659811		
A	B	E	XLP	4659812	4659812	4659812			4659812		
E	E	E	LP	4659813	4659813	4659813			4659813		
E	E	E	LP	4659814	4659814	4659814			4659814		
B	B	E	LP SG	4659815	4659815	4659815	4659907	4660009	4659815	4660009	4660107
B	B	E	HP SG	4659816	4659816	4659816	4659908	4660010	4659816	4660010	4660108
C	C	C J	LP	4659817	4659817	4659817			4659817		
H	H	H	LP	4659818	4659818	4659818			4659818		
B	B	B	HP	4659819	4659819	4659819			4659819		
B	B	E	LP	4659820	4659820	4659820	4659911	4660012	4659820	4660012	4660109
B	B	M	LP	4659828	4659828	4659828	4659914	4660014	4659828	4660014	4660111
B	B	B	LP	4659822	4659822	4659822			4659822		
B	B	E	HP	4659821	4659821	4659821	4659912	4660013	4659821	4660013	4660110
B	B	M	HP	4659829	4659829	4659829	4659915	4660015	4659829	4660015	4660112
L	L	E	XHP				4659909				
L	L	E	HP				4659910				
G	G	G	HP					4660007		4660007	
B	B	E	XHP					4660011		4660011	
L	L	L	HP	4659823	4659823	4659823			4659823		

Material Codes

A	304 ST ST	H	ALLOY 20
B	316L ST ST	J	TEFLON COATED
C	Monel B164 GR NO4400	K	Incoloy 825
D	Monel B127 GR NO4400	L	Inconel 600
E	INCONEL 625	M	Inconel 625 LCF
F	HASTELLOY C	N	304L ST ST
G	HASTELLOY B		

REMARK CODES

HP - FOR HIGH PRESSURE APPLICATIONS  
LP - FOR LOW PRESSURE APPLICATIONS  
SG-NACE QUALIFIED  
HY - SPECIAL HYDRO  
XLP - EXTRA LOW PRESSURE  
XHP - EXTRA HIGH PRESSURE

CURRENT STANDARD MATERIAL

1900 BELLOWS G-1 -2 -3 ORIFICE

Material			NOTES & REMARKS	PRESSURE CLASS						
RING	FLANGE	BELLOWS		1905	1906	1910 1920	1912 1922	1914 1924	1916 1926	1918 1928
A	B	B	LP	4660201	4660201	4660201	4660301	4660401	4660401	4660401
A	B	B	HP	4660202	4660202	4660202	4660302	4660402	4660402	4660402
C	D	D	HP	4660203	4660203	4660203	4660303	4660403	4660403	4660403
F	F	F	HP	4660204	4660204	4660204	4660304	4660404	4660404	4660404
A	B	E	HP	4660205	4660205	4660205	4660305	4660405	4660405	4660405
C	D	D	LP	4660206	4660206	4660206				
F	F	F	LP	4660207	4660207	4660207				
A	B	E	LP	4660208	4660208	4660208				
B	B	E	LP SG	4660209	4660209	4660209	4660306	4660406	4660406	4660406
B	B	E	HP SG	4660210	4660210	4660210	4660307	4660407	4660407	4660407
F	F	F J	LP	4660211	4660211	4660211				
H	H	H	HP	4660212	4660212	4660212				
L	L	L	HP	4660213	4660213	4660213				
B	B	E	LP	4660214	4660214	4660214	4660308	4660409	4660409	4660409
B	B	M	LP	4660218	4660218	4660218	4660311	4660411	4660411	4660411
B	B	E	HP	4660215	4660215	4660215	4660309	4660410	4660410	4660410
B	B	M	HP	4660219	4660219	4660219	4660312	4660412	4660412	4660412
B	B	B	HP	4660217	4660217	4660217	4660310			
B	B	B	LP	4660216	4660216	4660216				

Material Codes

A 304 ST ST  
B 316L ST ST  
C Monel B164 GR NO4400  
D Monel B127 GR NO4400  
E INCONEL 625  
F HASTELLOY C  
G HASTELLOY B

H ALLOY 20  
J TEFLON COATED  
K Incoloy 825  
L Inconel 600  
M Inconel 625 LCF  
N 304L ST ST

REMARK CODES

HP - FOR HIGH PRESSURE APPLICATIONS  
LP - FOR LOW PRESSURE APPLICATIONS  
SG-NACE QUALIFIED  
HY - SPECIAL HYDRO  
XLP - EXTRA LOW PRESSURE  
XHP - EXTRA HIGH PRESSURE

CURRENT STANDARD MATERIAL



1900 BELLOWS H ORIFICE

Material			NOTES & REMARKS	PRESSURE CLASS						
RING	FLANGE	BELLOWS		1905	1906	1910 1920	1912 1922	1914	1924	1916 1926
A	B	B	LP	4660501	4660501	4660501	4660501	4660601	4660501	4660601
A	B	B	HP	4660502	4660502	4660502	4660502	4660602	4660502	4660602
C	D	D	HP	4660503	4660503	4660503	4660503	4660603	4660503	4660603
K	K	K	HP	4660504	4660504	4660504	4660504		4660504	
F	F	F	HP	4660505	4660505	4660505	4660505	4660604	4660505	4660604
A	B	E	HP SG	4660506	4660506	4660506	4660506		4660506	
F	F	F	LP	4660507	4660507	4660507	4660507		4660507	
C	D	C	LP	4660508	4660508	4660508	4660508		4660508	
A	B	E	LP	4660509	4660509	4660509	4660509		4660509	
F	F	F	HP	4660510	4660510	4660510	4660510		4660510	
E	E	E	LP	4660511	4660511	4660511	4660511		4660511	
E	E	E	HP	4660512	4660512	4660512	4660512		4660512	
E	E	E	HP HY	4660513	4660513	4660513	4660513		4660513	
B	B	B	HP	4660514	4660514	4660514	4660514		4660514	
B	B	E	LP SG	4660515	4660515	4660515	4660515	4660606	4660515	4660606
B	B	E	HP SG	4660516	4660516	4660516	4660516	4660607	4660516	4660607
F	F	F J	LP	4660517	4660517	4660517	4660517		4660517	
B	B	E	LP	4660518	4660518	4660518	4660518	4660608	4660518	4660608
B	B	M	LP	4660525	4660525	4660525	4660525	4660610	4660525	4660610
B	B	E	HP	4660519	4660519	4660519	4660519	4660609	4660519	4660609
B	B	M	HP	4660526	4660526	4660526	4660526	4660611	4660526	4660611
F	F	F	HP	4660520	4660520	4660520	4660520		4660520	
B	B	B	HP	4660521	4660521	4660521	4660521		4660521	
B	B	B	LP	4660522	4660522	4660522	4660522		4660522	
E	M	M	LP	4660523	4660523	4660523	4660523		4660523	
E	M	M	HP	4660524	4660524	4660524	4660524		4660524	

Material Codes

A	304 ST ST	H	ALLOY 20
B	316L ST ST	J	TEFLON COATED
C	Monel B164 GR NO4400	K	Incoloy 825
D	Monel B127 GR NO4400	L	Inconel 600
E	INCONEL 625	M	Inconel 625 LCF
F	HASTELLOY C	N	304L ST ST
G	HASTELLOY B		

CURRENT STANDARD MATERIAL

REMARK CODES

HP - FOR HIGH PRESSURE APPLICATIONS  
LP - FOR LOW PRESSURE APPLICATIONS  
SG-NACE QUALIFIED  
HY - SPECIAL HYDRO  
XLP - EXTRA LOW PRESSURE  
XHP - EXTRA HIGH PRESSURE

1900 BELLOWS J-2, -3 -4 ORIFICE

Material			NOTES & REMARKS	PRESSURE CLASS						
RING	FLANGE	BELLOWS		1905	1906	1910 1920	1912	1922	1914 1924	1916 1926
A	B	B	LP	4660701	4660701	4660701	4660801	4660701	4660801	4660801
A	B	B	HP	4660702	4660702	4660702	4660802	4660702	4660802	4660802
C	D	D	HP	4660703	4660703	4660703	4660803	4660703	4660803	4660803
F	F	F	HP	4660704	4660704	4660704	4660804	4660704	4660804	4660804
A	B	E	HP	4660705	4660705	4660705	4660805	4660705	4660805	4660805
F	F	F	LP	4660706	4660706	4660706		4660706		
G	G	G	HP	4660707	4660707	4660707		4660707		
A	B	E	LP	4660708	4660708	4660708		4660708		
C	D	D	LP	4660709	4660709	4660709		4660709		
E	E	E	HP	4660710	4660710	4660710		4660710		
F	F	F J	LP	4660711	4660711	4660711		4660711		
B	B	E	LP SG	4660712	4660712	4660712	4660806	4660712	4660806	4660806
B	B	E	HP SG	4660713	4660713	4660713	4660807	4660713	4660807	4660807
E	E	E	LP HY	4660714	4660714	4660714		4660714		
H	H	H	LP	4660715	4660715	4660715		4660715		
E	E	E	LP	4660716	4660716	4660716		4660716		
B	E	M	HP	4660717	4660717	4660717		4660717		
B	B	E	LP	4660718	4660718	4660718	4660808	4660718	4660808	4660808
B	B	M	LP	4660723	4660723	4660723	4660810	4660723	4660810	4660810
B	B	E	HP	4660719	4660719	4660719	4660809	4660719	4660809	4660809
B	B	M	HP	4660724	4660724	4660724	4660811	4660724	4660811	4660811

Material Codes

A 304 ST ST  
B 316L ST ST  
C Monel B164 GR NO4400  
D Monel B127 GR NO4400  
E INCONEL 625  
F HASTELLOY C  
G HASTELLOY B

H ALLOY 20  
J TEFLON COATED  
K Incoloy 825  
L Inconel 600  
M Inconel 625 LCF  
N 304L ST ST

REMARK CODES

HP - FOR HIGH PRESSURE APPLICATIONS  
LP - FOR LOW PRESSURE APPLICATIONS  
SG-NACE QUALIFIED  
HY - SPECIAL HYDRO  
XLP - EXTRA LOW PRESSURE  
XHP - EXTRA HIGH PRESSURE

CURRENT STANDARD MATERIAL

SRV/SPRL - 1/03  
Effective January , 2004  
Supersedes SRV / SPRL - 1/02  
Dated June, 2002  
REV 6 1-9-2004

**1900 BELLOWS K ORIFICE**

Material			NOTES & REMARKS	PRESSURE CLASS						
RING	FLANGE	BELLOWS		1905	1906	1910 1920	1912 1922	1914	1924	1916 1926
A	B	B	LP	4660901	4660901	4660901	4660901	4661010	4660901	4661010
A	B	B	HP	4660902	4660902	4660902	4660902	4661001	4660902	4661001
C	D	D	HP	4660903	4660903	4660903	4660903	4661002	4660903	4661002
K	K	K	HP	4660904	4660904	4660904	4660904	4661003	4660904	4661003
F	F	F	HP	4660905	4660905	4660905	4660905		4660905	
A	B	E	HP	4660906	4660906	4660906	4660906	4661004	4660906	4661004
E	E	E	HP	4660907	4660907	4660907	4660907	4661005	4660907	4661005
F	F	F	LP	4660908	4660908	4660908	4660908	4661006	4660908	4661006
C	D	D	LP	4660909	4660909	4660909	4660909		4660909	
L	L	L	HP	4660910	4660910	4660910	4660910		4660910	
A	B	E	LP	4660911	4660911	4660911	4660911		4660911	
B	B	E	LP SG	4660912	4660912	4660912	4660912	4661007	4660912	4661007
B	B	E	HP SG	4660913	4660913	4660913	4660913	4661008	4660913	4661008
B	B	E	LP	4660914	4660914	4660914	4660914	4661009	4660914	4661009
B	B	M	LP	4660916	4660916	4660916	4660916	4661013	4660916	4661013
B	B	E	HP	4660915	4660915	4660915	4660915	4661010	4660915	4661010
B	B	M	HP	4660920	4660920	4660920	4660920	4661014	4660920	4661014
B	B	B	LP	4660917	4660917	4660917	4660917		4660917	
B	B	B	HP	4660918	4660918	4660918	4660918	4661011	4660918	4661011
B	B	B	SPEC							

**Material Codes**

A	304 ST ST	H	ALLOY 20
B	316L ST ST	J	TEFLON COATED
C	Monel B164 GR NO4400	K	Incoloy 825
D	Monel B127 GR NO4400	L	Inconel 600
E	INCONEL 625	M	Inconel 625 LCF
F	HASTELLOY C	N	304L ST ST
G	HASTELLOY B		

**REMARK CODES**

HP - FOR HIGH PRESSURE APPLICATIONS  
LP - FOR LOW PRESSURE APPLICATIONS  
SG-NACE QUALIFIED  
HY - SPECIAL HYDRO  
XLP - EXTRA LOW PRESSURE  
XHP - EXTRA HIGH PRESSURE  
SPEC-CONTACT FACTORY

CURRENT STANDARD MATERIAL

## 1900 BELLOWS L ORIFICE

Material			NOTES & REMARKS	PRESSURE CLASS					
RING	FLANGE	BELLOWS		1905	1906	1910 1920	1912 1922	1914 1924	1916 1926
A	B	B	LP	4661101	4661101	4661101	4661101	4661201	4661201
A	B	B	HP	4661102	4661102	4661102	4661102	4661203	4661203
C	D	D	HP	4661103	4661103	4661103	4661103		
K	K	K	HP	4661104	4661104	4661104	4661104	4661204	4661204
F	F	F	HP	4661105	4661105	4661105	4661105	4661205	4661205
A	B	E	HP	4661106	4661106	4661106	4661106		
C	D	D	LP	4661107	4661107	4661107	4661107		
F	F	F	LP	4661108	4661108	4661108	4661108		
E	E	E	HP	4661109	4661109	4661109	4661109		
A	B	E	LP	4661110	4661110	4661110	4661110		
G	G	G	HP	4661111	4661111	4661111	4661111		
E	E	E	LP	4661112	4661112	4661112	4661112		
FJ	FJ	FJ	LP	4661113	4661113	4661113	4661113		
B	B	E	LP SG	4661114	4661114	4661114	4661114	4661207	4661207
B	B	E	HP SG	4661115	4661115	4661115	4661115	4661208	4661208
H	H	H	LP	4661116	4661116	4661116	4661116		
B	B	E	LP	4661117	4661117	4661117	4661117	4661209	4661209
B	B	M	LP	4661125	4661125	4661125	4661125	4661211	4661211
B	B	E	HP	4661118	4661118	4661118	4661118	4661210	4661210
B	B	M	HP	4661124	4661124	4661124	4661124	4661212	4661212
A	B	E	XHP					4661206	4661206
B	B	B	LP	4661119	4661119	4661119	4661119		
B	B	B	HP	4661120	4661120	4661120	4661120		

## Material Codes

A 304 ST ST  
 B 316L ST ST  
 C Monel B164 GR NO4400  
 D Monel B127 GR NO4400  
 E INCONEL 625  
 F HASTELLOY C  
 G HASTELLOY B

H ALLOY 20  
 J TEFLON COATED  
 K Incoloy 825  
 L Inconel 600  
 M Inconel 625 LCF  
 N 304L ST ST

## REMARK CODES

HP - FOR HIGH PRESSURE APPLICATIONS  
 LP - FOR LOW PRESSURE APPLICATIONS  
 SG-NACE QUALIFIED  
 HY - SPECIAL HYDRO  
 XLP - EXTRA LOW PRESSURE  
 XHP - EXTRA HIGH PRESSURE

CURRENT STANDARD MATERIAL

SRV/SPRL - 1/03  
Effective January , 2004  
Supersedes SRV / SPRL - 1/02  
Dated June, 2002  
REV 6 1-9-2004

**1900 BELLOWS M ORIFICE**

Material			NOTES & REMARKS	PRESSURE CLASS				
RING	FLANGE	BELLOWS		1905	1906	1910 1920	1912 1922	1914 1924
A	B	B	LP	4661301	4661301	4661301	4661301	4661301
A	B	B	HP	4661302	4661302	4661302	4661302	4661302
C	D	D	HP	4661303	4661303	4661303	4661303	4661303
K	K	K	HP	4661304	4661304	4661304	4661304	4661304
F	F	F	HP	4661305	4661305	4661305	4661305	4661305
A	B	E	HP	4661306	4661306	4661306	4661306	4661306
F	F	F	LP	4661307	4661307	4661307	4661307	4661307
C	D	D	LP	4661308	4661308	4661308	4661308	4661308
E	E	E	XHP	4661309	4661309	4661309	4661309	4661309
E	E	E	LP	4661310	4661310	4661310	4661310	4661310
E	E	E	HP	4661311	4661311	4661311	4661311	4661311
A	B	E	LP	4661312	4661312	4661312	4661312	4661312
A	B	B	HP	4661313	4661313	4661313	4661313	4661313
B	B	E	LP SG	4661314	4661314	4661314	4661314	4661314
B	B	E	HP SG	4661315	4661315	4661315	4661315	4661315
B	B	E	LP	4661316	4661316	4661316	4661316	4661316
B	B	M	LP	4661318	4661318	4661318	4661318	4661318
B	B	E	HP	4661317	4661317	4661317	4661317	4661317
B	B	M	HP	4661321	4661321	4661321	4661321	4661321
B	B	B	HP	4661319	4661319	4661319	4661319	4661319
B	B	B	LP	4661320	4661320	4661320	4661320	4661320

**Material Codes**

A	304 ST ST	H	ALLOY 20
B	316L ST ST	J	TEFLON COATED
C	Monel B164 GR NO4400	K	Incoloy 825
D	Monel B127 GR NO4400	L	Inconel 600
E	INCONEL 625	M	Inconel 625 LCF
F	HASTELLOY C	N	304L ST ST
G	HASTELLOY B		

**REMARK CODES**

HP - FOR HIGH PRESSURE APPLICATIONS  
LP - FOR LOW PRESSURE APPLICATIONS  
SG-NACE QUALIFIED  
HY - SPECIAL HYDRO  
XLP - EXTRA LOW PRESSURE  
XHP - EXTRA HIGH PRESSURE

CURRENT STANDARD MATERIAL

1900 BELLOWS N ORIFICE

Material			NOTES & REMARKS	PRESSURE CLASS				
RING	FLANGE	BELLOWS		1905	1906	1910 1920	1912 1922	1914 1924
A	B	B	LP	4661401	4661401	4661401	4661401	4661401
A	D	B	HP	4661402	4661402	4661402	4661402	4661402
C	C	C	HP	4661403	4661403	4661403	4661403	4661403
F	F	F	HP	4661404	4661404	4661404	4661404	4661404
A	B	E	HP	4661405	4661405	4661405	4661405	4661405
B	B	E	HP SG	4661406	4661406	4661406	4661406	4661406
B	B	B	XHP	4661407	4661407	4661407	4661407	4661407
C	D	D	LP	4661408	4661408	4661408	4661408	4661408
F	F	F	LP	4661409	4661409	4661409	4661409	4661409
A	B	E	LP	4661410	4661410	4661410	4661410	4661410
E	E	E	HP	4661411	4661411	4661411	4661411	4661411
B	B	E	LP SG	4661412	4661412	4661412	4661412	4661412
E	E	E	LP SG	4661413	4661413	4661413	4661413	4661413
M	M	M	HP	4661414	4661414	4661414	4661414	4661414
B	B	E	LP	4661415	4661415	4661415	4661415	4661415
B	B	M	LP	4661419	4661419	4661419	4661419	4661419
B	B	B	LP	4661417	4661417	4661417	4661417	4661417
B	B	E	HP	4661416	4661416	4661416	4661416	4661416
B	B	M	HP	4661420	4661420	4661420	4661420	4661420
B	B	B	HP	4661418	4661418	4661418	4661418	4661418

Material Codes

A	304 ST ST	H	ALLOY 20
B	316L ST ST	J	TEFLON COATED
C	Monel B164 GR NO4400	K	Incoloy 825
D	Monel B127 GR NO4400	L	Inconel 600
E	INCONEL 625	M	Inconel 625 LCF
F	HASTELLOY C	N	304L ST ST
G	HASTELLOY B		

REMARK CODES

HP - FOR HIGH PRESSURE APPLICATIONS  
LP - FOR LOW PRESSURE APPLICATIONS  
SG-NACE QUALIFIED  
HY - SPECIAL HYDRO  
XLP - EXTRA LOW PRESSURE  
XHP - EXTRA HIGH PRESSURE

CURRENT STANDARD MATERIAL

1900 BELLOWS P ORIFICE

Material			NOTES & REMARKS	PRESSURE CLASS							
RING	FLANGE	BELLOWS		1905	1906	1910	1912	1914	1920	1923	1924
A	B	B	LP	4661501	4661501	4661501	4661601	4661601	4661501	4661601	4661601
A	B	B	HP	4661502	4661502	4661502	4661602	4661602	4661502	4661602	4661602
C	D	D	HP	4661503	4661503	4661503	4661603	4661603	4661503	4661603	4661603
F	F	F	HP	4661504	4661504	4661504	4661605	4661605	4661504	4661605	4661605
A	B	E	HP	4661505	4661505	4661505	4661606	4661606	4661505	4661606	4661606
A	B	B	XHP	4661506	4661506	4661506			4661506		
A	B	E	LP	4661507	4661507	4661507			4661507		
C	D	D	LP	4661508	4661508	4661508			4661508		
F	F	F	LP	4661509	4661509	4661509			4661509		
A	B	B	XHP	4661510	4661510	4661510			4661510		
E	E	E	HP	4661511	4661511	4661511			4661511		
A	B	B	XXHP	4661512	4661512	4661512			4661512		
E	E	E	LP	4661513	4661513	4661513			4661513		
E	E	E	LP HY	4661514	4661514	4661514			4661514		
B	B	E	LP SG	4661515	4661515	4661515	4661608	4661608	4661515	4661608	4661608
B	B	E	HP SG	4661516	4661516	4661516	4661609	4661609	4661516	4661609	4661609
A	A	A	HP	4661517	4661517	4661517			4661517		
A	A	A	HP	4661518	4661518	4661518			4661518		
B	B	E	LP	4661519	4661519	4661519	4661610	4661610	4661519	4661610	4661610
B	B	M	LP	4661524	4661524	4661524	4661613	4661613	4661524	4661613	4661613
B	B	E	HP	4661520	4661520	4661520	4661611	4661611	4661520	4661611	4661611
B	B	M	HP	4661525	4661525	4661525	4661614	4661614	4661525	4661614	4661614
B	B	E	XHP				4661604	4661604		4661604	4661604
B	B	L	XHP				4661607	4661607		4661607	4661607
B	B	EJ	LP	4661521	4661521	4661521					
B	B	B	LP	4661522	4661522	4661522					

Material Codes

A	304 ST ST	H	ALLOY 20
B	316L ST ST	J	TEFLON COATED
C	Monel B164 GR NO4400	K	Incoloy 825
D	Monel B127 GR NO4400	L	Inconel 600
E	INCONEL 625	M	Inconel 625 LCF
F	HASTELLOY C	N	304L ST ST
G	HASTELLOY B		

REMARK CODES

HP	- FOR HIGH PRESSURE APPLICATIONS
LP	- FOR LOW PRESSURE APPLICATIONS
SG	- NACE QUALIFIED
HY	- SPECIAL HYDRO
XLP	- EXTRA LOW PRESSURE
XHP	- EXTRA HIGH PRESSURE

CURRENT STANDARD MATERIAL

SRV/SPRL - 1/03  
Effective January , 2004  
Supersedes SRV / SPRL - 1/02  
Dated June, 2002  
REV 6 1-9-2004

**1900 BELLOWS Q ORIFICE**

Material			NOTES & REMARKS	PRESSURE CLASS					
RING	FLANGE	BELLOWS		1905	1906	1910	1912	1920	1922
A	B	A	LP	4661701	4661701	4661701	4661701	4661701	4661701
A	B	A	HP	4661702	4661702	4661702	4661702	4661702	4661702
C	D	D	HP	4661703	4661703	4661703	4661703	4661703	4661703
F	F	F	HP	4661704	4661704	4661704	4661704	4661704	4661704
A	B	E	HP	4661705	4661705	4661705	4661705	4661705	4661705
B	B	E	HP	4661706	4661706	4661706	4661706	4661706	4661706
K	K	K	HP	4661707	4661707	4661707	4661707	4661707	4661707
E	E	E	HP	4661708	4661708	4661708	4661708	4661708	4661708
E	E	E	LP	4661709	4661709	4661709	4661709	4661709	4661709
B	B	B	HP	4661710	4661710	4661710	4661710	4661710	4661710
C	D	D	LP	4661711	4661711	4661711	4661711	4661711	4661711
F	F	F	LP	4661712	4661712	4661712	4661712	4661712	4661712
B	B	L	XHP	4661713	4661713	4661713	4661713	4661713	4661713
A	B	E	LP	4661714	4661714	4661714	4661714	4661714	4661714
B	B	E	XHP	4661715	4661715	4661715	4661715	4661715	4661715
E	E	E	LP	4661716	4661716	4661716	4661716	4661716	4661716
B	B	E	LP SG	4661717	4661717	4661717	4661717	4661717	4661717
B	B	E	HP SG	4661718	4661718	4661718	4661718	4661718	4661718
N	N	N	HP	4661719	4661719	4661719	4661719	4661719	4661719
N	N	N	LP	4661720	4661720	4661720	4661720	4661720	4661720
B	B	E	LP	4661721	4661721	4661721	4661721	4661721	4661721
B	B	M	LP	4661725	4661725	4661725	4661725	4661725	4661725
B	B	E	HP	4661722	4661722	4661722	4661722	4661722	4661722
B	B	M	HP	4661726	4661726	4661726	4661726	4661726	4661726
B	B	B	LP	4661723	4661723	4661723	4661723	4661723	4661723

**Material Codes**

A 304 ST ST  
B 316L ST ST  
C Monel B164 GR NO4400  
D Monel B127 GR NO4400  
E INCONEL 625  
F HASTELLOY C  
G HASTELLOY B

H ALLOY 20  
J TEFLON COATED  
K Incoloy 825  
L Inconel 600  
M Inconel 625 LCF  
N 304L ST ST

**REMARK CODES**

HP - FOR HIGH PRESSURE APPLICATIONS  
LP - FOR LOW PRESSURE APPLICATIONS  
SG-NACE QUALIFIED  
HY - SPECIAL HYDRO  
XLP - EXTRA LOW PRESSURE  
XHP - EXTRA HIGH PRESSURE

CURRENT STANDARD MATERIAL



SRV/SPRL - 1/03

Effective January , 2004

Supersedes SRV / SPRL - 1/02

Dated June, 2002

REV 6 1-9-2004

**1900 BELLOWS R ORIFICE**

Material			NOTES & REMARKS	PRESSURE CLASS					
RING	FLANGE	BELLOWS		1905	1906	1910	1912	1920	1922
A	B	B	LP	4661801	4661801	4661801	4661801	4661801	4661801
A	B	B	HP	4661802	4661802	4661802	4661802	4661802	4661802
C	D	D	HP	4661803	4661803	4661803	4661803	4661803	4661803
F	F	F	HP	4661804	4661804	4661804	4661804	4661804	4661804
A	B	E	HP	4661805	4661805	4661805	4661805	4661805	4661805
A	B	E	LP	4661806	4661806	4661806	4661806	4661806	4661806
C	D	D	LP	4661807	4661807	4661807	4661807	4661807	4661807
A	B	B	XHP	4661808	4661808	4661808	4661808	4661808	4661808
F	F	F	LP	4661809	4661809	4661809	4661809	4661809	4661809
C	D	D	XHP	4661810	4661810	4661810	4661810	4661810	4661810
B	B	B	XHP	4661811	4661811	4661811	4661811	4661811	4661811
B	B	B	HP	4661811	4661811	4661811	4661811	4661811	4661811
E	E	E	LP	4661812	4661812	4661812	4661812	4661812	4661812
B	B	E	LP SG	4661813	4661813	4661813	4661813	4661813	4661813
B	B	E	HP SG	4661814	4661814	4661814	4661814	4661814	4661814
E	E	E	HP	4661815	4661815	4661815	4661815	4661815	4661815
B	B	E	LP	4661817	4661817	4661817	4661817	4661817	4661817
B	B	M	LP	4661821	4661821	4661821	4661821	4661821	4661821
B	B	E	HP	4661818	4661818	4661818	4661818	4661818	4661818
B	B	M	HP	4661822	4661822	4661822	4661822	4661822	4661822
B	B	B	HP	4661819	4661819	4661819	4661819	4661819	4661819
B	B	B	LP	4661820	4661820	4661820	4661820	4661820	4661820

**Material Codes**

A 304 ST ST  
 B 316L ST ST  
 C Monel B164 GR NO4400  
 D Monel B127 GR NO4400  
 E INCONEL 625  
 F HASTELLOY C  
 G HASTELLOY B

H ALLOY 20  
 J TEFLON COATED  
 K Incoloy 825  
 L Inconel 600  
 M Inconel 625 LCF  
 N 304L ST ST

**REMARK CODES**

HP - FOR HIGH PRESSURE APPLICATIONS  
 LP - FOR LOW PRESSURE APPLICATIONS  
 SG-NACE QUALIFIED  
 HY - SPECIAL HYDRO  
 XLP - EXTRA LOW PRESSURE  
 XHP - EXTRA HIGH PRESSURE

CURRENT STANDARD MATERIAL

1900 BELLOWS T ORIFICE

Material			NOTES & REMARKS	PRESSURE CLASS				
RING	FLANGE	BELLOWS		1905	1906	1910	1920	1921
A	B	B	LP	4661901	4661901	4661901	4661901	4661901
A	B	B	HP	4661902	4661902	4661902	4661902	4661902
C	D	D	HP	4661903	4661903	4661903	4661903	4661903
F	F	F	HP	4661904	4661904	4661904	4661904	4661904
A	B	E	HP	4661905	4661905	4661905	4661905	4661905
K	K	K	HP	4661906	4661906	4661906	4661906	4661906
A	B	E	LP	4661907	4661907	4661907	4661907	4661907
C	D	D	LP	4661908	4661908	4661908	4661908	4661908
E	E	E	HP	4661909	4661909	4661909	4661909	4661909
B	B	B	HP	4661910	4661910	4661910	4661910	4661910
F	F	F	LP	4661911	4661911	4661911	4661911	4661911
E	E	E	LP SG	4661912	4661912	4661912	4661912	4661912
E	E	E	LP HY	4661913	4661913	4661913	4661913	4661913
B	B	E	LP SG	4661914	4661914	4661914	4661914	4661914
B	B	E	HP SG	4661915	4661915	4661915	4661915	4661915
B	B	E	LP	4661916	4661916	4661916	4661916	4661916
B	B	M	LP	4661919	4661919	4661919	4661919	4661919
B	B	E	HP	4661917	4661917	4661917	4661917	4661917
B	B	M	HP	4661920	4661920	4661920	4661920	4661920
B	B	B	HP	4661818	4661818	4661818	4661818	4661818

Material Codes

A	304 ST ST	H	ALLOY 20
B	316L ST ST	J	TEFLON COATED
C	Monel B164 GR NO4400	K	Incoloy 825
D	Monel B127 GR NO4400	L	Inconel 600
E	INCONEL 625	M	Inconel 625 LCF
F	HASTELLOY C	N	304L ST ST
G	HASTELLOY B		

REMARK CODES

HP - FOR HIGH PRESSURE APPLICATIONS  
LP - FOR LOW PRESSURE APPLICATIONS  
SG-NACE QUALIFIED  
HY - SPECIAL HYDRO  
XLP - EXTRA LOW PRESSURE  
XHP - EXTRA HIGH PRESSURE

CURRENT STANDARD MATERIAL

SRV/SPRL - 1/03

Effective January, 2004

Supercedes SRV / SPRL - 1/02

Dated June, 2002

REV 6 1-9-200.

### 1900 BELLOWS V ORIFICE

Material			NOTES & REMARKS	PRESSURE CLASS							
RING	FLANGE	BELLOWS		1905	1906	1910	1912	1914	1916	1918	1920
A	A	B	HP	4950701	4950701	4950701					4950701
B	B	E	HP SG	4950702	4950702	4950702					4950702
B	B	E	HP	4950703	4950703	4950703					4950703
B	B	M	HP	4950704	4950704	4950704					4950704

### 1900 BELLOWS W ORIFICE

Material			NOTES & REMARKS	PRESSURE CLASS							
UPPER FLANGE	LOWER FLANGE	BELLOWS		1905	1906	1910	1912	1914	1916	1918	1920
A	A	B	HP	4860002	4860002	4860002					4860002
B	B	E	HP SG	4860004	4860004	4860004					4860004
B	B	E	LP SG	4860005	4860005	4860005					4860005
B	B	E	HP	4866007	4866007	4866007					4866007
B	B	M	HP	4866008	4866008	4866008					4866008

#### Material Codes

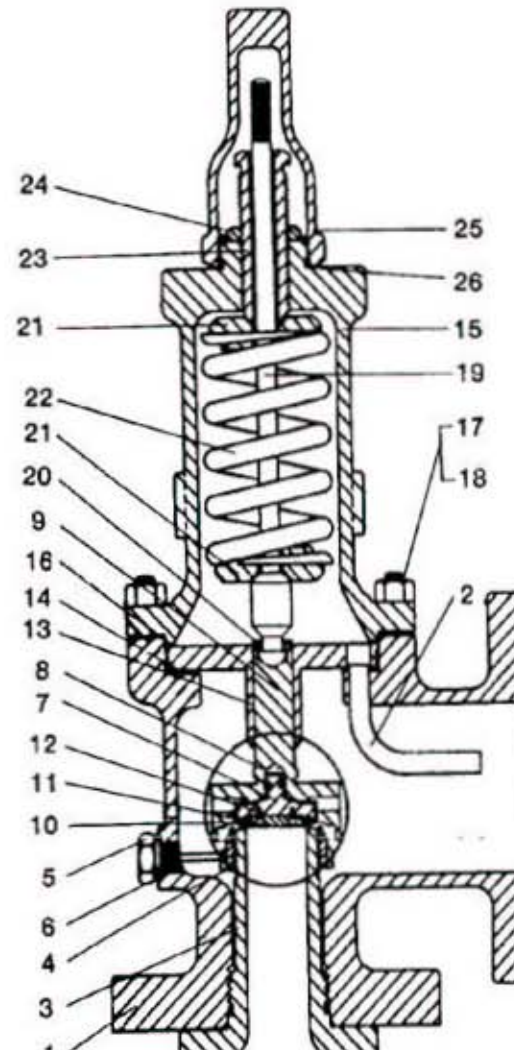
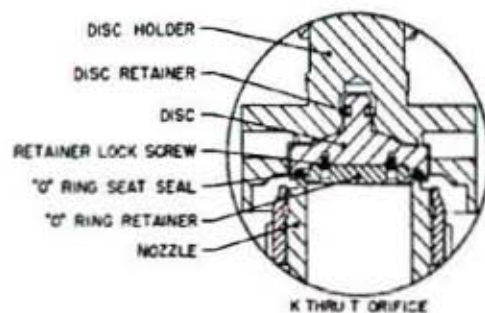
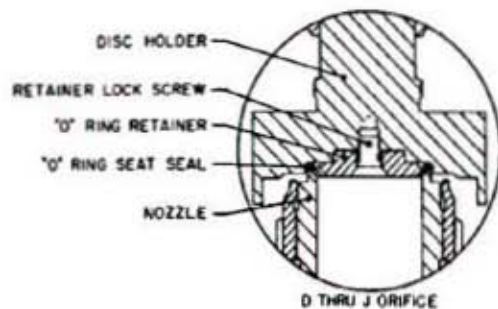
A	304 ST ST	H	ALLOY 20
B	316L ST ST	J	TEFLON COATED
C	Monel B164 GR NO4400	K	Incoloy 825
D	Monel B127 GR NO4400	L	Inconel 600
E	INCONEL 625	M	Inconel 625 LCF
F	HASTELLOY C	N	304L ST ST
G	HASTELLOY B		

#### REMARK CODES

HP - HIGH PRESSURE APPLICATIONS  
 LP - LOW PRESSURE APPLICATIONS  
 SG-NACE QUALIFIED  
 HY - SPECIAL HYDRO  
 XLP - EXTRA LOW PRESSURE  
 XHP - EXTRA HIGH PRESSURE

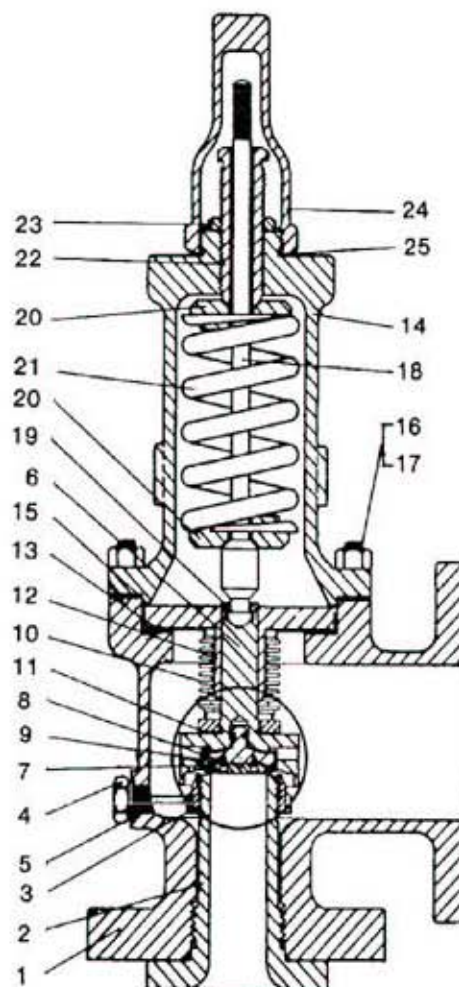
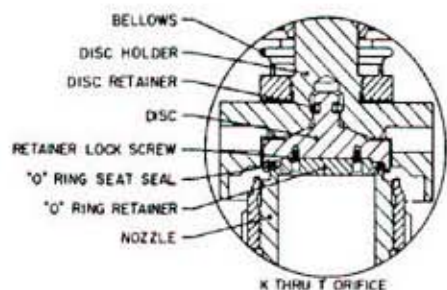
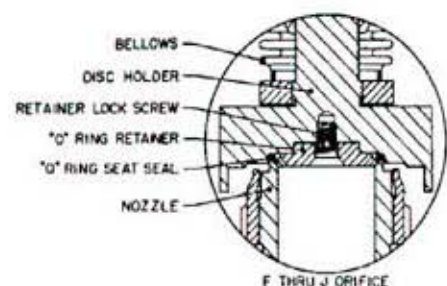
CURRENT STANDARD MATERIAL

## 1900 SAFETY RELIEF VALVE CONVENTIONAL O-RING SEAT SEAL



REF. NO.	NOMENCLATURE
1.	BASE
2.	EDUCTOR TUBE
3.	NOZZLE
4.	ADJUSTING RING
5.	ADJUSTING RING PIN
6.	ADJUSTING RING PIN GASKET
7.	DISC
8.	DISC RETAINER
9.	DISC HOLDER
10.	O-RING
11.	O-RING RETAINER
12.	RETAINER LOCK SCREW
13.	GUIDE
14.	GUIDE GASKET
15.	BONNET
16.	BONNET GASKET
17.	BASE STUD
18.	STUD NUT
19.	SPINDLE
20.	SPINDLE RETAINER
21.	SPRING WASHER
22.	SPRING
23.	ADJUSTING SCREW
24.	ADJUSTING SCREW NUT
25.	CAP
26.	CAP GASKET

# 1900 SAFETY RELIEF VALVE BELLOWS O-RING SEAT SEAL



REF. NO.	NOMENCLATURE
1.	BASE
2.	NOZZLE
3.	ADJUSTING RING
4.	ADJUSTING RING PIN
5.	ADJUSTING RING PIN
6.	GASKET
7.	DISC HOLDER
8.	O-RING
9.	O-RING RETAINER
10.	RETAINER LOCK SCREW
11.	BELLOWS
12.	BELLOWS GASKET
13.	GUIDE
14.	GUIDE GASKET
15.	BONNET
16.	BONNET GASKET
17.	BASE STUD
18.	STUD NUT
19.	SPINDLE
20.	SPINDLE RETAINER
21.	SPRING WASHER
22.	SPRING
23.	ADJUSTING SCREW
24.	ADJUSTING SCREW NUT
25.	CAP
	CAP GASKET

**RECOMMENDED SPARE PARTS - SAFETY RELIEF VALVES  
1900 & 1900-30 FLANGED O-RING SEAT SEAL DESIGN**

SRV/SPRL - 1/02

Effective June 2002

Supersedes SRV / SPRL - 1/01

Dated April, 2001

Section 2, Page 3

CLASS	PART NAME	C-CONVENTIONAL B-BELLOWS	QTY PARTS/SAME VALVES IN SERV. (MINIMUM)	QTY PARTS/SAME VALVES IN SERV. (MAXIMUM)	PREDICTED AVAILABILITY
I.	O-Ring	C & B	-1 / 3	1 / 1	70%
	Bellows	B	1 / 5	1 / 3	
	Adj. Ring Pin	C & B	1 / 5	1 / 3	
	Disc/Spdl Retainer	C & B	1 SET / 5	1 / 1	
	Gasket Set	C & B	1 SET / 5	1 / 1	
II.	Nozzle	C & B	1 / 10	1 / 5	85%
	Disc (K-T ONLY)	C & B	1 / 10	1 / 5	
	O-Ring Retainer	C & B	1 / 10	1 / 5	
	O-Ring Retainer Lock Screw				
	Disc Holder	C & B	1 / 10	1 / 5	
	Spindle	C & B	1 / 10	1 / 5	
	Studs, Base	C & B	1 SET / 10	1 SET / 5	
III.	Nuts, Base Stud	C & B	1 SET / 10	1 SET / 5	95%
	Guide	C & B	1 / 10	1 / 5	
	Adjusting Ring	C & B	1 / 10	1 / 5	
	Spring Assembly				
	(1) Spring	C & B	NOTE 2	NOTE 2	
	(1) Upper Washer	C & B	NOTE 2	NOTE 2	
	(1) Lower Washer	C & B	NOTE 2	NOTE 2	
IV.	Compression Screw	C & B	1 / 10	1 / 5	99%
	Compression Screw Lock Nut	C & B	1 / 10	1 / 5	
	Limit Washer Note (1)	C & B	1 / 10	1 / 5	
	Cap (Select One):				
	1. Screwed	C & B	NOTE 2	NOTE 2	
	2. Plain Lever Asm.	C & B	NOTE 2	NOTE 2	
	(1) Cap Asm.				
	(1) Release Nut				
	(1) Lock Nut				
	3. Pkd Lever Asm.	C & B	NOTE 2	NOTE 2	
	(1) Cap Asm.				
	(4) Cap Bolts				
	(1) Release Nut				
	(1) Lock Nut				

**Note 1:** Used only in 1905, 1906, and 1918 D & E Orifices, (-2) Design

**Note 2:** To be determined by plant operating history

**SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST****1900 & 1900-30 SRV's****O-Ring Seat Seal Design****\*(Parts Unique to this Design)**

PART DESCRIPTION	CON. OR BELLOWS	1905 D	1906 D	1910 D	1912 D	1914 D	1916 D	1918 D
<b>CLASS I</b>								
1. O-RING	C & B	SEE SEPARATE COMPOSITE O-RING SHEET (Pg. 28)						
<b>CLASS II</b>								
2. O-RING RETAINER								
316 SS (Standard) (-1) (-3)	C & B	0623402						
316 SS (Standard) (-2) (-4)	C & B	0523501						
Monel (-1) (-3)	C & B	0623403						
Monel (-2) (-4)	C & B	0523503						
3. O-RING RETAINER LOCK SCREW								
316 SS (Standard) (-1) (-3) ea.	C & B	(1) 2420503						
316 SS (Standard) (-2) (-4) ea.	C & B	(1) 2420504						
Monel (-1) (-3) ea.	C & B	(1) 2420303						
Monel (-2) (-4) ea.	C & B	(1) 2420304						
4. NOZZLE (Raised Face) See Note [1]								
316 SS (Standard) (-1) (-3)	C & B	0623302				0627902		4443201
316 SS (Standard) (-2) (-4)	C & B	4615801				4768501		4443301
Monel (-1) (-3)	C & B	0623303				0627903		
Monel (-2) (-4)	C & B	4447002				4768502		

\*All classes of parts common to O-Ring Seat Seal Design and Metal Seat can be found in Section 1.

Note: [1] Bore size reflects requirements of 1978 Code Revision. Valves shipped before 1978 may have different bore dimensions.

**SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST****1900 & 1900-30 SRV's****O-Ring Seat Seal Design****\*(Parts Unique to this Design)**

PART DESCRIPTION	CON. OR BELLOWS	1905 D	1906 D	1910 D	1912 D	1914 D	1916 D	1918 D
4a. NOZZLE (Ring Joint) See Note [1]								
316 (Standard) (-1) (-3)	C & B	0627802				0628002		
316 (Standard) (-2) (-4)	C & B	4447201	4447101			4790201		4445601
Monel (-1) (-3)	C & B	0627803						
Monel (-2) (-4)	C & B	4447202	4447102			4790202		
5. DISC HOLDER								
All Pressures								
316 SS (Standard) (-1) (-3)	C	4631602						
316 SS (Standard) (-1) (-3)	B	4633702						
Monel (-1) (-3)	C	4631603						
Monel (-1) (-3)	B	4633703						
5a. DISC HOLDER (-2)(-4)								
Low Press (5-35 PSIG) Gas Service								
316 SS (Standard) (-2) (-4)	C	0629203						
316 SS (Standard) (-2) (-4)	B	0629402						
Monel	C	0629202						
Monel	B	0629404						
5b. DISC HOLDER (-2) (-4)								
High Press (36 PSIG & above) Gas Service								
316 SS (Standard)	C	0629302						
316 SS (Standard)	B	0629502						
Monel	C	0629303						
Monel	B	0629503						

\*All classes of parts common to O-Ring Seat Seal Design and Metal Seat can be found in Section 1.

Note: [1] Bore size reflects requirements of 1978 Code Revision. Valves shipped before 1978 may have different bore dimensions.



**SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST****1900 & 1900-30 SRV's****O-Ring Seat Seal Design****\*(Parts Unique to this Design)**

Supersedes SRV / SPRL - 1/01

Dated April, 2001

Section 2, Page 6

PART DESCRIPTION	CON. OR BELLOWS	1905 D	1906 D	1910 D	1912 D	1914 D	1916 D	1918 D
5c. DISC HOLDER (-2)(-4)								
All Pressures Liquid Service (LA)								
316 SS (Standard)	C				4820501			
316 SS (Standard)	B				4807301			
Monel	C				4820502			
Monel	B				4807302			
<b>CLASS III</b>								
6. Adjusting Ring - Liquid Service (LA) (-2)(-4)								
316 SS (Standard)	C & B				4646801			
Monel	C & B				4646802			

**SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST****1900 & 1900-30 SRV's****O-Ring Seat Seal Design****\*(Parts Unique to this Design)**

PART DESCRIPTION	CON. OR BELLOWS	1905 E	1906 E	1910 E	1912 E	1914 E	1916 E	1918 E
<b>CLASS I</b>								
1. O-RING	C & B	SEE SEPARATE COMPOSITE O RING SHEET (Pg. 28)						
<b>CLASS II</b>								
2. O-RING RETAINER								
316 SS (Standard) (-1) (-3)	C & B	0623704						
316 SS (Standard) (-2) (-4)	C & B	0523501						
Monel (-1) (-3)	C & B	0623702						
Monel (-2) (-4)	C & B	0523503						
3. O-RING RETAINER LOCK SCREW								
316 SS (Standard) (-1) (-3) ea	C & B	(1) 2420505						
316 SS (Standard) (-2) (-4) ea	C & B	(1) 2420504						
Monel (-1) (-3) ea	C & B	(1) 2420305						
Monel (-2) (-4) ea	C & B	(1) 2420304						
4. NOZZLE (Raised Face) See Note [1]								
316 SS (Standard) (-1) (-3)	C & B	0628203				0623603		4443101
316 SS (Standard) (-2) (-4)	C & B	4615801				4768501		4443301
Monel (-1) (-3)	C & B	0628202						
Monel (-2) (-4)	C & B	4447002				4768502		

\*All classes of parts common to O-Ring Seat Seal Design and Metal Seat can be found in Section 1.

Note: [1] Bore size reflects requirements of 1978 Code Revision. Valves shipped before 1978 may have different bore dimensions.

**SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST**

Supersedes SRV / SPRL - 1/01

1900 &amp; 1900-30 SRV's

Dated April, 2001

O-Ring Seat Seal Design

Section 2, Page 8

\*(Parts Unique to this Design)

PART DESCRIPTION	CON. OR BELLOWS	1905 E	1906 E	1910 E	1912 E	1914 E	1916 E	1918 E
4a. NOZZLE (Ring Joint) See Note [1]								
316 (Standard) (-1) (-3)	C & B	0628402	4447102	0628402		0628503		
316 (Standard) (-2) (-4)	C & B	4447201	4447101			4790201		4445601
Monel (-1) (-3)	C & B			068403		0628502		
Monel (-2) (-4)	C & B	4447202	4447102			4790202		
5. DISC HOLDER (5-35 psig)								
316 SS (Standard) (-1) (-3)	C	4647001						
316 SS (Standard) (-1) (-3)	B	4647101						
Monel (-1) (-3)	C							
Monel (-1) (-3)	B							
5a. DISC HOLDER (36 psig & above)								
316 SS (Standard) (-1) (-3)	C	4631702						
316 SS (Standard) (-1) (-3)	B	4633802						
Monel (-1) (-3)	C	4631703						
Monel (-1) (-3)	B	4633803						
5b. DISC HOLDER (5-35 psig) Gas Service								
316 SS (Standard) (-2) (-4)	C	0629203						
316 SS (Standard) (-2) (-4)	B	0629402						
Monel (-2) (-4)	C	0629202						
Monel (-2) (-4)	B	0629404						

\*All classes of parts common to O-Ring Seat Seal Design and Metal Seat can be found in Section 1.

Note: [1] Bore size reflects requirements of the 1978 ASME Code Revision. Valves shipped before 1978 may have different bore dimensions.

**SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST**

Supersedes SRV / SPRL - 1/01

1900 &amp; 1900-30 SRV's

Dated April, 2001

O-Ring Seat Seal Design

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\*(Parts Unique to this Design)

PART DESCRIPTION	CON. OR BELLOWS	1905 E	1906 E	1910 E	1912 E	1914 E	1916 E	1918 E	
5c. DISC HOLDER									
High Pressure (36 psig & above)									
Gas Service									
316 SS (Standard) (-2) (-4)	C				0629302				
316 SS (Standard) (-2) (-4)	B				0629502				
Monel (-2) (-4)	C				0629303				
Monel (-2) (-4)	B				0629503				
5d. DISC HOLDER									
All Pressures									
Liquid Services (LA)									
316 SS (Standard) (-2) (-4)	C				4820501				
316 SS (Standard) (-2) (-4)	B				4807301				
Monel (-2) (-4)	C				4820502				
Monel (-2) (-4)	B				4807302				
CLASS III									
6. Adjusting Ring									
Liquid Services (LA)									
316 SS (Standard) (-2) (-4)	C & B				4646801				
Monel (-2) (-4)	C & B				4646802				

# SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

1900 & 1900-30 SRV's  
O-Ring Seat Seal Design  
\*(Parts Unique to this Design)

SRV/SPRL - 1/02  
Effective June 2002  
Supercedes SRV / SPRL - 1/01  
Dated April, 2001  
Section 2, Page 10

PART DESCRIPTION	CON. OR BELLOWS	1905 F -1	1906 F -1	1910 F -1	1912 F -1	1914 F -1 & -2	1916 F -1 & -2	1918 F -1 & -2
CLASS I								
1. O-RING	C & B	SEE SEPARATE COMPOSITE O-RING SHEET (Pg. 28)						
CLASS II								
2. O-RING RETAINER								
316 SS (Standard)	C & B	0523501						
Monel	C & B	0523503						
Hastelloy C	C & B	0523504						
3. O-RING RETAINER LOCK SCREW								
316 SS (Standard) (Qty)	C & B	(1) 2420504						
Monel (Qty)	C & B	(1) 2420304						
Hastelloy C (Qty)	C & B	(1) 2420404						
4. NOZZLE (Raised Face) See Note [1]								
316 SS (Standard)	C & B	4590701						4443301
Monel	C & B	0523603						
Hastelloy C	C & B	0523604						
4a.NOZZLE (Ring Joint) See Note [1]								
316 (Standard)	C & B	0629902	0630003					4445601
Monel	C & B	0629903	0630002					
5. DISC HOLDER (5-35 psig) Gas Service(GS)								
316 SS (Standard)	C	0629203						
316 SS (Standard)	B	0629402						
Monel	C	0629202						
Monel	B	0629404						
Hastelloy C	B	0629204						
Hastelloy C	C	0629403						
5a.DISC HOLDER (35 psig & above) Gas Service(GS)								
316 SS (Standard)	C	0629302						
316 SS (Standard)	B	0629502						
Monel	C	0629303						
Monel	B							
Hastelloy C	B	0629304						
Hastelloy C	C	0629505						
5b.DISC HOLDER - "See Next Page"								

\*All classes of parts common to O-Ring Seat Seal Design and Metal Seat can be found in Section 1.

Note: [1] Bore size reflects requirements of 1978 Code Revision. Valves shipped before 1978 may have different bore dimensions.

**SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST**

1900 &amp; 1900-30 SRV's

O-Ring Seat Seal Design

\*(Parts Unique to this Design)

PART DESCRIPTION	CON. OR BELLOWS	1905 F -1	1906 F -1	1910 F -1	1912 F -1	1914 F -1 & -2	1916 F -1 & -2	1918 F -1 & -2
5b.DISC HOLDER - Liquid Service (LA)								
316 SS (Standard)	C				4820501			
316 SS (Standard)	B				4807301			
Monel	C				4820502			
Monel	B				4807302			
Hastelloy C	B & C				4646803			
<b>CLASS III</b>								
6. Adjusting Ring - Liquid Service (LA)								
Liquid Service (LA)								
316 SS (Standard)	C & B				4646801			
Monel	C & B				4646802			
Hastelloy C	C & B				4646803			

\*All classes of parts common to O-Ring Seat Seal Design and Metal Seat can be found in Section 1.

Note: [1] Bore size reflects requirements of 1978 Code Revision. Valves shipped before 1978 may have different bore dimensions.

# SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

1900 & 1900-30 SRV's  
O-Ring Seat Seal Design  
\*(Parts Unique to this Design)

SRV/SPRL - 1/02  
Effective June 2002  
Supersedes SRV / SPRL - 1/01  
Dated April, 2001  
Section 2, Page 12

PART DESCRIPTION	CON. OR BELLOWS	1905G -1 & -3	1906G -1 & -3	1910G -1 & -3	1912G -1 & -3	1914G -1 & -3	1916G -1	1918G -1
CLASS I								
1. O-RING	C & B	SEE SEPARATE COMPOSITE O-RING SHEET (Pg. 28)						
CLASS II								
2. O-RING RETAINER								
316 SS (Standard)	C & B	0630502						
Monel	C & B	0630503						
Hastelloy C		0630504						
3. O-RING RETAINER LOCK SCREW								
316 SS (Standard) (Qty)	C & B	(1) 2420504						
Monel (Qty)	C & B	(1) 2420304						
Hastelloy C		(1)2420404						
4. NOZZLE (Raised Face) See Note [1]								
316 SS (Standard)	C & B	4598101					4450402	
Monel	C & B	0630702						
Hastelloy C	C & B	0630704						
4a. NOZZLE (Ring Joint) See Note [1]								
316 (Standard)	C & B	0630902					4463102	4521101
Monel	C & B	0630903						
5. DISC HOLDER(5-120 psig) Gas Servic(GS)								
316 SS (Standard)	C	0630102						
316 SS (Standard)	B	0630302						
Monel	C	0630103						
Monel	B	0630303						
Hastelloy C	C	0630104						
Hastelloy C	B							
5a. DISC HOLDER (121 psig & above) Gas Service (GS)								
316 SS (Standard)	C	0630202						
316 SS (Standard)	B	0630403						
Monel	C	0630203						
Monel	B	0630402						
Hastelloy C	C	0630204						
Hastelloy C	B	0630407						
5b. DISC HOLDER - "See Next Page"								

\*All classes of parts common to O-Ring Seat Seal Design and Metal Seat can be found in Section 1.

Note: [1] Bore size reflects requirements of 1978 Code Revision. Valves shipped before 1978 may have different bore dimensions.

**SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST**

1900 &amp; 1900-30 SRV's

O-Ring Seat Seal Design

\*(Parts Unique to this Design)

Supersedes SRV / SPRL - 1/01

Dated April, 2001

Section 2, Page 13

PART DESCRIPTION	CON. OR BELLOWS	1905G -1 & -3	1906G -1 & -3	1910G -1 & -3	1912G -1 & -3	1914G -1 & -3	1916G -1	1918G -1
5b. DISC HOLDER - Liquid Services (LA)								
316 SS (Standard)	C				4877001			
316 SS (Standard)	B				4877701			
Monel	C							
Monel	B							
<b>CLASS III</b>								
6. Adjusting RingLiquid Service ( LA)								
316 SS (Standard)	C & B				4646901			
Monel	C & B				4646902			
Hastelloy C	C & B				4646903			

\*All classes of parts common to O-Ring Seat Seal Design and Metal Seat can be found in Section 1.

Note: [1] Bore size reflects requirements of 1978 Code Revision. Valves shipped before 1978 may have different bore dimensions.



**SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST****1900 & 1900-30 SRV's****O-Ring Seat Seal Design****\*(Parts Unique to this Design)**

PART DESCRIPTION	CON. OR BELLOWS	1905 H	1906 H	1910 H	1912 H	1914 H	1916 H
CLASS I							
1. O-RING	C & B	SEE SEPARATE COMPOSITE O-RING SHEET (Pg. 28)					
CLASS II							
2. O-RING RETAINER							
316 SS (Standard)	C & B	0554302					
Monel	C & B	0554304					
Hastelloy C	C & B	0554303					
3. O-RING RETAINER LOCK SCREW							
316 SS (Standard) ea.	C & B	(1) 2420504					
Monel ea.	C & B	(1) 2420304					
Hastelloy C	C & B	(1)2420404					
4. NOZZLE (Raised Face) See Note [1]							
316 SS (Standard)	C & B	4608501		4608901	4609001		
Monel	C & B	0596103		0575204			
Hastelloy C	C & B	4608504		0575203			
4a. NOZZLE (Ring Joint) See Note [1]							
316 (Standard)	C & B	0622302	0622102	0615603	0622203	0624303	
Monel	C & B		0622103	0615602	0622202	0624302	
Hastelloy C	C & B						
5. DISC HOLDER (5-120 psig) Gas Service (GS)							
316 SS (Standard)	C	0624402					
316 SS (Standard)	B	0624502					
Monel	C	0624403					
Monel	B	0624503					

\*All classes of parts common to O-Ring Seat Seal Design and Metal Seat can be found in Section 1.

Note: [1] Bore size reflects requirements of 1978 Code Revision. Valves shipped before 1978 may have different bore dimensions.

**SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST****1900 & 1900-30 SRV's****O-Ring Seat Seal Design****\*(Parts Unique to this Design)**

PART DESCRIPTION	CON. OR BELLOWS	1905 H	1906 H	1910 H	1912 H	1914 H	1916 H
5a. DISC HOLDER (121 psig & above) Gas Service (GS)							
316 SS (Standard)	C				0554202		
316 SS (Standard)	B				0599802		
Monel	C				0554203		
Monel	B				0599803		
Hastelloy C	C				0554204		
Hastelloy C	B				0599806		
5b. DISC HOLDER - Liquid Service (LA)							
316 SS (Standard)	C				4877201		
316 SS (Standard)	B				4877301		
Monel	C						
Monel	B				4877302		
Hastelloy C	C				4877203		
Hastelloy C	B				4877303		

\*All classes of parts common to O-Ring Seat Seal Design and Metal Seat can be found in Section 1.

LP=Low Pressure=If Set Pressure is 5# to 120#.

HP=High Pressure=If Set Pressure is 121# or more.

**SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST****1900 & 1900-30 SRV's****O-Ring Seat Seal Design****\*(Parts Unique to this Design)**

PART DESCRIPTION	CON. OR BELLOWS	1905J -2	1906J -2	1910J -2 & -4	1912J -2 & -4	1914J -3	1916J -2
CLASS I							
1. O Ring	C & B	SEE SEPARATE COMPOSITE O-RING SHEET (Pg. 28)					
CLASS II							
2. O-RING RETAINER							
316 SS (Standard)	C & B	0631402					
Monel	C & B	0631403					
Hastelloy C		0631404					
3. O-RING RETAINER LOCK SCREW							
316 SS (Standard) ea.	C & B	(3) 2420505					
Monel ea.	C & B	(3) 2420305					
Hastelloy C	C & B	2420405					
4. Nozzle (Raised Face) See Note (1)							
316 SS (Standard) (-2)	C & B	4611301		4611601	4611901	-	4612101
316 SS (Standard) (-3)	C & B	-	-	-	-	4612101	-
316 SS (Standard) (-4)	C & B	-	-	4612101		-	-
Monel (-2)	C & B	0631602					4612102
Monel (-3)	C & B	-	-	-	-	4612102	-
Monel (-4)	C & B	-	-	4612102		-	-
Hastelloy C	C & B	(-2) 0631604					
Hastelloy C	C & B	(-4) 4612104					
4a.Nozzle (Ring Joint) See Note (1)							
316 SS (Standard) (-2)	C & B	0631702	0631802	0632003	4613101	-	4613701
316 SS (Standard) (-3)	C & B	-	-	-	-	0632402	-
316 SS (Standard) (-4)	C & B	-	-			-	-
Monel (-2)	C & B	0631703	0631803	0632002		-	
Monel (-3)	C & B	-	-	-	-		-
Monel (-4)	C & B	-	-				-

\*All classes of parts common to O-Ring Seat Seal Design and Metal Seat can be found in, Section 1.

\*\*Conventional and Bellows- When ordering either the Guide or Holder for the (-1) design valve it will be necessary to update to the (-2) or (-4) design by changing both the Guide and the Holder.

Note: [1] Bore size reflects requirements of 1978 Code Revision. Valves shipped before 1978 may have different bore dimensions.

**SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST****1900 & 1900-30 SRV's****O-Ring Seat Seal Design****\*(Parts Unique to this Design)**

PART DESCRIPTION	CON. OR BELLOWS	1905 J	1906 J	1910 J	1912 J	1914 J	1916 J
5. DISC HOLDER							
Low Pressure (5-120 psig) Gas Service (GS)							
316 SS (Standard) [For -1 See **]	C & B				0631203		
Monel	C & B				0631202		
Hastelloy C	C & B				0631204		
5a. DISC HOLDER (121 psig & above) Gas Service (GS)							
316 SS (Standard) [For -1 See **]	C & B				4656402		
Monel	C & B						
Hastelloy C	C & B				4656405		
5b. DISC HOLDER - Liquid Service (LA)							
316 SS (Standard)	C & B				4877401		
Monel	C & B				4877403		
Hastelloy C	C & B				4877703		

\*All classes of parts common to O-Ring Seat Seal Design and Metal Seat can be found in Section 1.

\*\*Conventional and Bellows- When ordering either the Guide or Holder for the (-1) design valve it will be necessary to update to the (-2) design by changing both the Guide and the Holder.

LP=Low Pressure=If Set Pressure is 5# to 120#.

HP=High Pressure=If Set Pressure is 121# or more.

**SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST****1900 & 1900-30 SRV's****O-Ring Seat Seal Design****\*(Parts Unique to this Design)**

PART DESCRIPTION	CON. OR BELLOWS	1905 K	1906 K	1910 K	1912 K	1914 K	1916 K
CLASS I							
1. O-RING	C & B	SEE SEPARATE COMPOSITE O-RING SHEET (Pg. 28)					
CLASS II							
2. DISC							
316 SS (Standard)	C & B	0539402					
Monel	C & B	0539404					
Hastelloy C	C & B	0539403					
3. O-RING RETAINER							
316 SS (Standard)	C & B	0539502					
Monel	C & B	0539503					
Hastelloy C	C & B	0539506					
4. O-RING RETAINER LOCK SCREW							
316 SS (Standard) (Qty)	C & B	(3) 2420502					
Monel (Qty)	C & B	(3) 2420302					
Hastelloy C	C & B	(3) 2420402					
5. NOZZLE (Raised Face) See Note [1]							
316 SS (Standard)	C & B	4592801			4592901	4593001	
Monel	C & B	0627003					
Hastelloy C	C & B	0627004					
5a. NOZZLE (Ring Joint) See Note [1]							
316 SS (Standard)	C & B	0627102	0627202		0627302	0627502	
Monel	C & B	0627103	0627203		0627303		
Hastelloy C	C & B	0627503					
6. DISC HOLDER(Gas Service)							
316 SS (Standard)	C & B	4656602					
Monel	C & B	4656606					
Hastelloy C	C & B	4656605					
6A. Disc Holder (Liquid Service LA)							
316 SS (Standard)	C & B	4877801					
Monel	C & B	4877802					

\*All classes of parts common to O-Ring Seat Seal Design and Metal Seat can be found in Section 1.

Note: [1] Bore size reflects requirements of 1978 Code Revision. Valves shipped before 1978 may have different bore dimensions.

**SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST****1900 & 1900-30 SRV's****O-Ring Seat Seal Design****\*(Parts Unique to this Design)**

PART DESCRIPTION	CON. OR BELLOWS	1905 L	1906 L	1910 L	1912 L	1914 L	1916 L
CLASS I							
1. O-RING	C & B	SEE SEPARATE COMPOSITE O-RING SHEET (Pg. 28)					
CLASS II							
2. DISC							
316 SS (Standard)	C & B	0572903					
Monel	C & B	0572902					
Hastelloy C	C & B	0572907					
3. O-RING RETAINER							
316 SS (Standard)	C & B	0573002					
Monel	C & B	0573003					
Hastelloy C	C & B	0573006					
4. O-RING RETAINER LOCK SCREW							
316 SS (Standard) ea.	C & B	(3) 2420502					
Monel ea.	C & B	(3) 2420302					
Hastelloy C	C & B	2420402					
5. NOZZLE (Raised Face) See Note [1]							
316 SS (Standard)	C & B	4599701		4600001		4600301	
Monel	C & B	0622403		0573103			
5a. NOZZLE (Ring Joint) See Note [1]							
316 SS (Standard)	C & B	0626402	0626502	0626603		0626802	
Monel	C & B	0626403	0626503	0626602			
Hastelloy C	C & B	0626407					
6. DISC HOLDER(Gas Service)							
316 SS (Standard)	C & B	4656802					
Monel	C & B	0572803					
Hastelloy C	C & B	0572804					
6A. DISC HOLDER( Liquid Service LA)							
316 SS (Standard)	C & B	4877901					
Monel	C & B						

\*All classes of parts common to O-Ring Seat Seal Design and Metal Seat can be found in Section 1.

Note: [1] Bore size reflects requirements of 1978 Code Revision. Valves shipped before 1978 may have different bore dimensions.

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

1900 & 1900-30 SRV's  
O-Ring Seat Seal Design  
\*(Parts Unique to this Design)

PART DESCRIPTION	CON. OR BELLOWS	1905 M	1906 M	1910 M	1912 M	1914 M
CLASS I						
1. O-RING	C & B	SEE SEPARATE COMPOSITE O-RING SHEET (Pg. 28)				
CLASS II						
2. DISC						
316 SS (Standard)	C & B	0597303				
Monel	C & B	0597302				
Hastelloy C	C & B	0597305				
3. O-RING RETAINER						
316 SS (Standard)	C & B	0597402				
Monel	C & B	0597403				
Hastelloy C	C & B	0597405				
4. O-RING RETAINER LOCK SCREW						
316 SS (Standard) (Qty)	C & B	(4) 2420502				
Monel (Qty)	C & B	(4) 2420302				
Hastelloy C	C & B	(4) 2420402				
5. NOZZLE (Raised Face) See Note [1]						
316 SS (Standard)	C & B	4606701				0626102
Monel	C & B	0597503				
Hastelloy C	C & B	0597506				
5a. NOZZLE (Ring Joint) See Note [1]						
316 SS (Standard)	C & B	0625902	0626003			
Monel	C & B	0625903	0626002			
6. DISC HOLDER( Gas Service)						
316 SS (Standard)	C & B	4657002				
Monel	C & B	0597202				
6A. DISC HOLDER(Liquid Service LA)						
316 SS (Standard)	C & B	4878001				
Monel	C & B					

\*All classes of parts common to O-Ring Seat Seal Design and Metal Seat can be found in Section 1.

Note: [1] Bore size reflects requirements of 1978 Code Revision. Valves shipped before 1978 may have different bore dimensions.

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

1900 & 1900-30 SRV's  
O-Ring Seat Seal Design  
\*(Parts Unique to this Design)

PART DESCRIPTION	CON. OR BELLOWS	1905 N	1906 N	1910 N	1912 N	1914 N
CLASS I						
1. O-RING	C & B	SEE SEPARATE COMPOSITE O-RING SHEET (Pg. 28)				
CLASS II						
2. DISC						
316 SS (Standard)	C & B	0570302				
Monel	C & B	0570303				
Hastelloy C	C & B	0570305				
3. O-RING RETAINER						
316 SS (Standard)	C & B	0570402				
Monel	C & B	0570403				
Hastelloy C	C & B	0570404				
4. O-RING RETAINER LOCK SCREW						
316 SS (Standard) (Qty)	C & B	(4) 2420502				
Monel (Qty)	C & B	(4) 2420302				
Hastelloy C	C & B	(4) 2420402				
5. NOZZLE (Raised Face) See Note [1]						
316 SS (Standard)	C & B	4607901				
Monel	C & B	0570503				
Hastelloy C	C & B	0570505				
5a. NOZZLE (Ring Joint) See Note [1]						
316 SS (Standard)	C & B	0625502	0625603			
Monel	C & B		0625603			
6. DISC HOLDER						
316 SS (Standard) (-2) For (-1) Design See Footnote **	C & B	4684601				
Monel (-2)	C & B	0625402				
6. DISC HOLDER						
316 SS (Standard) (-2)	C & B	4878201				
Monel (-2)	C & B					

\*All classes of parts common to O-Ring Seat Seal Design and Metal Seat can be found in Section 1.

Note: [1] Bore size reflects requirements of 1978 Code Revision. Valves shipped before 1978 may have different bore dimensions.

\*\*Conventional & Bellows-When ordering either the Guide or Holder of the (-1) design valve it will be necessary to update to the (-2) design by changing both the Guide and Holder.



## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

1900 & 1900-30 SRV's  
O-Ring Seat Seal Design  
\*(Parts Unique to this Design)

PART DESCRIPTION	CON. OR BELLOWS	1905 P	1906 P	1910 P	1912 P	1914 P
CLASS I						
1. O-RING	C & B	SEE SEPARATE COMPOSITE O-RING SHEET (Pg. 28)				
CLASS II						
2. DISC						
316 SS (Standard)	C & B	0526903				
Monel	C & B	0526902				
Hastelloy C	C & B	0526905				
3. O-RING RETAINER						
316 SS (Standard)	C & B	0527003				
Monel	C & B	0527002				
Hastelloy C	C & B	0527005				
4. O-RING RETAINER LOCK SCREW						
316 SS (Standard) (Qty.)	C & B	(4) 2420501				
Monel (Qty.)	C & B	(4) 2420301				
Hastelloy C	C & B	(4) 2420401				
5. NOZZLE (Raised Face) See Note [1]						
316 SS (Standard)	C & B	4595801		4595701		
Monel	C & B	4595802		4595702		
Hastelloy C	C & B	4595804		4595704		
5a. NOZZLE (Ring Joint) See Note [1]						
316 SS (Standard)	C & B	0625002	0625102	0625202		
Monel	C & B	0625003		0625203		
6. DISC HOLDER( Gas Service)						
316 SS (Standard) (-2) For (-1) Design See Footnote **	C & B	4684701				
Monel (-2)	C & B	0624902				
Hastelloy C	C & B	4684702				
6. DISC HOLDER( Liquid Service LA)						
316 SS (Standard) (-2)	C & B	4878501				
Monel (-2)	C & B	4878502				

\*All classes of parts common to O-Ring Seat Seal Design and Metal Seat can be found in Section 1.

Note: [1] Bore size reflects requirements of 1978 Code Revision. Valves shipped before 1978 may have different bore dimensions.

\*\*Conventional & Bellows-When ordering either the Guide or Holder of the (-1) design valve it will be necessary to update to the (-2) design by changing both the Guide and Holder.

**SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST****1900 & 1900-30 SRV's****O-Ring Seat Seal Design****\*(Parts Unique to this Design)**

PART DESCRIPTION	CON. OR BELLOWS	1905 Q	1906 Q	1910 Q	1912 Q
CLASS I					
1. O-RING	C & B	SEE SEPARATE COMPOSITE O-RING SHEET (Pg. 28)			
CLASS II					
2. DISC					
316 SS (Standard)	C & B		0516503		
Monel	C & B		0516502		
Hastelloy C	C & B		0516505		
3. O-RING RETAINER					
316 SS (Standard)	C & B		0516602		
Monel	C & B		0516603		
Hastelloy C	C & B		0516604		
4. O-RING RETAINER LOCK SCREW					
316 SS (Standard) (Qty)	C & B		(4) 2420501		
Monel (Qty)	C & B		(4) 2420301		
Hastelloy C	C & B		(4) 2420401		
5. NOZZLE (Raised Face) See Note [1]					
316 SS (Standard)	C & B		0516302		
Monel	C & B		0516303		
Hastelloy C	C & B		0516306		
5a. NOZZLE (Ring Joint) See Note [1]					
316 SS (Standard)	C & B		0624702		
Monel	C & B				
6. DISC HOLDER( Gas Service)					
316 SS (Standard) (-2) For (-1) See **	C & B		4846301		
Monel (-2)	C & B		4846302		
Hastelloy C	C & B		4846303		
6. DISC HOLDER( Liquid Service LA)	C & B				
316 SS (Standard) (-2)	C & B		4878101		
Monel (-2)	C & B		4878102		

\*All classes of parts common to O-Ring Seat Seal Design and Metal Seat can be found in Section 1.

Note: [1] Bore size reflects requirements of 1978 Code Revision. Valves shipped before 1978 may have different bore dimensions.

\*\*Conventional & Bellows-When ordering either the Guide or Holder of the (-1) design valve it will be necessary to update to the (-2) design by changing both the Guide and Holder.

**SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST****1900 & 1900-30 SRV's****O-Ring Seat Seal Design****\*(Parts Unique to this Design)**

PART DESCRIPTION	CON. OR BELLOWS	1905 R	1906 R	1910 R	1912 R
CLASS I					
1. O-RING	C & B	SEE SEPARATE COMPOSITE O-RING SHEET (Pg. 28)			
CLASS II					
2. DISC					
316 SS (Standard)	C & B		0578702		
Monel			0578703		
Hastelloy C	C & B		0578704		
3. O-RING RETAINER					
316 SS (Standard)	C & B		0578802		
Monel			0578803		
Hastelloy C	C & B		0578807		
4. O-RING RETAINER LOCK SCREW					
316 SS (Standard) (Qty)	C & B		(4) 2420501		
Monel (Qty)	C & B		(4) 2420301		
Hastelloy C	C & B		(4) 2420401		
5. NOZZLE (Raised Face) See Note [1]					
316 SS (Standard)	C & B		0578902		
Monel			0578903		
Hastelloy C	C & B		0578905		
5a. NOZZLE (Ring Joint) See Note [1]					
316 SS (Standard)	C & B	0619802		0619902	
Monel	C & B	0619803		0619903	
6. DISC HOLDER( Gas Service)					
316 SS (Standard) (-2) For )-1) See**	C & B		4846401		
Monel (-2)	C & B		4846402		
Hastelloy C	C & B		4846403		
6. DISC HOLDER( Liquid Service LA)					
316 SS (Standard) (-2)	C & B		4878801		
Monel (-2)	C & B		4878802		

\*All classes of parts common to O-Ring Seat Seal Design and Metal Seat can be found in Section 1.

Note: [1] Bore size reflects requirements of 1978 Code Revision. Valves shipped before 1978 may have different bore dimensions.

\*\*Conventional & Bellows-When ordering either the Guide or Holder of the (-1) design valve it will be necessary to update to the (-2) design by changing both the Guide and Holder.

**SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST****1900 & 1900-30 SRV's****O-Ring Seat Seal Design****\*(Parts Unique to this Design)**

PART DESCRIPTION	CON. OR BELLOWS	1905T-3	1906T-3	1910-2T-2
CLASS I				
1. O-RING	C & B	SEE SEPARATE COMPOSITE O-RING SHEET (Pg. 28)		
CLASS II				
2. DISC				
316 SS (Standard)	C & B		0628702	
Monel			0628703	
Hastelloy C	C & B		0628704	
3. O-RING RETAINER				
316 SS (Standard)	C & B		0628802	
Monel			0628803	
Hastelloy C	C & B		0628804	
4. O-RING RETAINER LOCK SCREW				
316 SS (Standard) (Qty)	C & B		(4) 2420501	
Monel (Qty)	C & B		(4) 2420301	
Hastelloy C	C & B		(4) 2420401	
5. NOZZLE (Raised Face) See Note [1]				
316 SS (Standard)	C & B		0780902	
Monel			0780904	
Hastelloy C	C & B		0780905	
5a. NOZZLE (Ring Joint) See Note [1]				
316 SS (Standard)	C & B	0781002		0781102
Monel				
6. DISC HOLDER (Gas Service)				
316 SS (Standard) For (-1) (-2) See**	C & B		4846501	
Monel	C & B		4846502	
Hastelloy C	C & B		4846503	
6A. DISC HOLDER (Liquid Service LA)				
316 SS (Standard)	C & B		4879101	
Monel	C & B			

\*All classes of parts common to O-Ring Seat Seal Design and Metal Seat can be found in Section 1.

Note: [1] Bore size reflects requirements of 1978 Code Revision. Valves shipped before 1978 may have different bore dimensions.

\*\* Conventional & Bellows Design - When ordering either the guide or holder for the 1905T-2, 1906T-2, or the 1910-2T-1

it will be necessary to update to the above design by changing both the guide and holder

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

1900 & 1900-30 SRV's  
O-Ring Seat Seal Design  
\*(Parts Unique to this Design)

PART DESCRIPTION	CON. OR BELLOWS	1905T-4	1906T-4	1910T-4
CLASS 1				
1. O RING	C & B	SEE SEPARATE COMPOSITE O-RING SHEET (Pg. 28)		
CLASS II				
2. DISC				
316 SS (Standard)	C & B	4963601		
Monel	C & B	4963602		
Hastelloy C	C & B	4963603		
3. O RING RETAINER				
316 SS (Standard)	C & B	4963701		
Monel	C & B	4963702		
Hastelloy C	C & B	4963703		
4. O RING RETAINER LOCK SCREW				
316 SS (Standard)	C & B	(4) 2420501		
Monel	C & B	(4) 2420301		
Hastelloy C	C & B	(4) 2420401		
5. NOZZLE (Raised Face)				
316 SS (Standard)	C & B	4963901		
Monel	C & B	4963902		
Hastelloy C	C & B	4963903		
5A. NOZZLE (Ring Joint)				
316 SS (Standard)	C & B			
Monel	C & B			
6. DISC HOLDER (GAS SERVICE)				
316 SS (Standard)	C & B	4963801		
Monel	C & B	4963802		
Hastelloy C	C & B	4963803		
6A. DISC HOLDER (LIQUID SERVICE)				
316 SS (Standard)	C & B	4964201		
Monel	C & B	4964202		
Hastelloy C	C & B	4964203		

\*All classes of parts common to O-Ring Seat Seal Design and Metal Seat can be found in Section 1.

\*\* Conventional & Bellows Design - When ordering either the guide or holder for the 1905T-2, 1906T-2, or the 1910-2T-1

it will be necessary to update to the above design by changing both the guide and holder

# SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

1900 & 1900-30 SRV's  
O-Ring Seat Seal Design  
\*(Parts Unique to this Design)

SRV/SPRL - 1/02  
Effective June, 2002  
Supersedes SRV/SPRL-1/01  
Dated April, 2001  
Section 2, Page 27

PART DESCRIPTION	CON. OR BELLOWS	1905W	1906W	1910W	1905V	1906V	1910V
CLASS I							
1. O RING	C & B	SEE SEPARATE COMPOSITE O-RING SHEET (Pg. 28)					
CLASS II							
2. DISC							
316 SS (Standard)	C & B	4969801			5031301		
3. NOZZLE (RAISED FACE)							
316 SS (Standard)	C & B	4965901			5031401		
316 SS (Standard)	C & B						
4. DISC HOLDER (LOW PRESSURE)							
316 SS (Standard)	C	4981401					
4A. DISC HOLDER (HIGH PRESSURE)							
316 SS (Standard)	C	4969701					5031501
5. SPINDLE (LOW PRESSURE)							
410 SS (Standard)	C & B	4911401					
5A. SPINDLE (HIGH PRESSURE)							
410 SS (Standard)	C & B	4863801			4950301		5011201

\*All classes of parts common to O-Ring Seat Seal Design and Metal Seat can be found in Section 1.

**O-RING COMPOSITE SHEET**

**1900 & 1900-30 SRV's  
O-Ring Seat Seal Design  
\*(Parts Unique to this Design)**

ORIFICE SIZE	NITRILE/BUNA N			SILICONE			FLUORO-CARBON		TEFLON	KALREZ-4079
	**50	70	90	50	70	80	75	90		75 (See Below)
D-1	31007112		31008112				31022112	31005112	31006112	31014112
E-1	31007114		31008114	31011114	31012114	31016114	31022114	31005114	31006114	31014114
D-1,E2,F	31007116		31008116	31011116	31012116		31022116	31005116	31006116	31014116
G	31007212		31008212		31012212		31022212	31005212	31006212	31014212
H	31007215		31008215		31012215		31022215	31005215	31006215	31014215
J	31007220		31008220	31011220	31012220		31022220	31005220	31006220	31014220
K	31007326		31008326	31011326	31012326		31022326	31005326	31006326	31014326
L	31007329		31008329		31012329		31022329	31005329	31006329	31014329
M	31007332		31008332	31011332	31012332		31022332	31005332	31006332	31014332
N	31007333		31008333				31022333	31005333	31006333	31014333
P	31007338		31008338	31011338			31022338	31005338	31006338	31014338
Q	31007346		31008346		31012346		31022346	31005346	31006346	31014346
R	31007428		31008428				31022428	31005428	31006428	31014428
T	31007437						31022437	31005437	31006437	31014437
T-4	31007438						31022438	31005738	31006438	31014438
V	31007447						31022447	31005447	31006447	31014447
W	31007451						31022451	31005451	31006451	31014451

\*All classes of parts common to O-Ring Seat Seal Design and Metal Seat Design can be found in Section 1.

\*\*These Numbers indicate durometer (Hardness) of material.

\*\*\*For D (-2) & E (-2) Design use "F" orifice O-Ring Part Numbers.

\*\*\*\*Orders for replacement O-Rings include O-Ring Retainer Screws.

Kalrez 4079 not recommended for Steam use material code 23 Kalrez 1050 LF

# **Section 3**

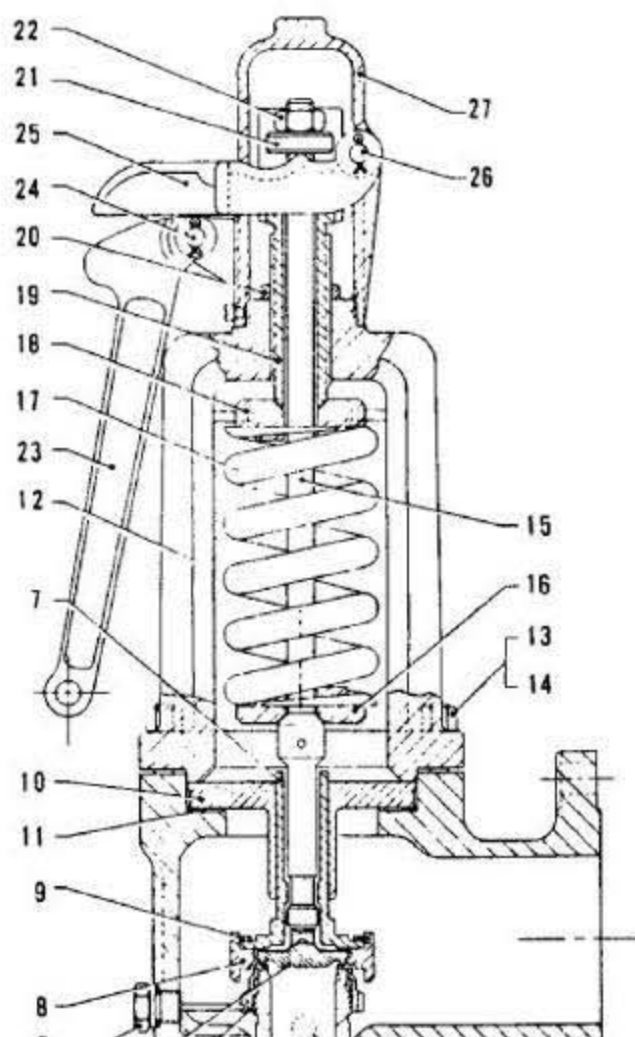
**1900-35**

**Contact Factory  
For  
Parts Information**



# 1900/P1 & P2

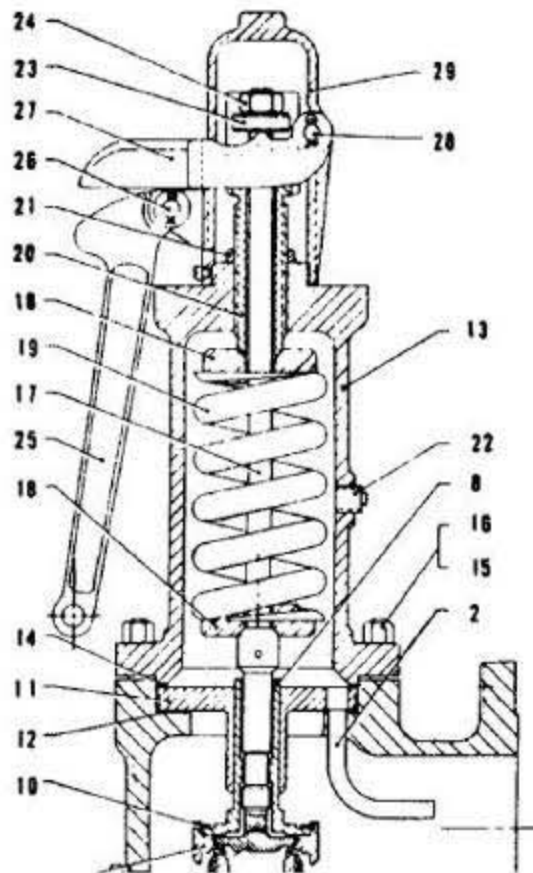
SRV/SPRL  
Effective June, 2002  
Supercedes SRVSPRL 1/98  
Dated November 1, 1998  
Section 4 Page 1



REF. NO.	NOMENCLATURE
1.	BASE 1905-1912 1920-1922
2.	EDUCTOR TUBE
3.	NOZZLE
4.	ADJUSTING RING
5.	ADJ. RING PIN ASSEMBLY RING PIN HEAD RING PIN STEM
6.	ADJ. RING PIN GASKET
7.	DISC
8.	DISC HOLDER
9.	HOLDER RING
10.	HOLDER RING RETAINER
11.	GUIDE ASSEMBLY GUIDE SLEEVE GUIDE FLANGE
12.	GUIDE GASKET
13.	BONNET
14.	BONNET GASKET
15.	BASE STUD
16.	STUD NUT
17.	SPINDLE ASSEMBLY SPINDLE HEAD SPINDLE STEM
18.	SPRING WASHER
19.	SPRING TYPE 1900R/P1 TYPE 1900R/P2
20.	ADJUSTING SCREW
21.	ADJUSTING SCREW NUT
22.	BONNET PLUG

# 1900-30/P1 & P2

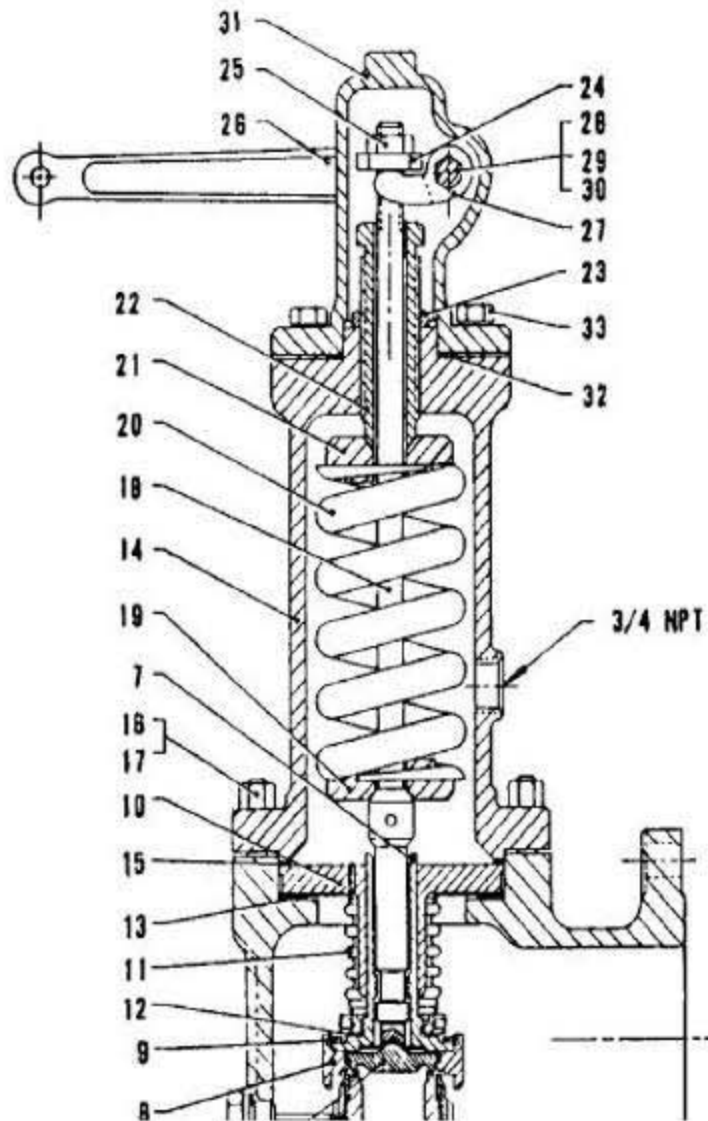
SRV/SPRL  
Effective June, 2002  
Supercedes SRVSPRL 1/98  
Dated November 1, 1998  
Section 4 Page 2



REF. NO.	NOMENCLATURE
1.	BASE 1905-1910-30 1920-1924-30
2.	NOZZLE
3.	ADJUSTING RING
4.	ADJ. RING PIN ASSEMBLY RING PIN HEAD RING PIN STEM
5.	RING PIN GASKET
6.	DISC
7.	DISC HOLDER
8.	HOLDER RING
9.	HOLDER RING RETAINER
10.	GUIDE SLEEVE FLANGE
11.	BELLOWS
12.	BELLOWS GASKET
13.	GUIDE GASKET
14.	BONNET
15.	BONNET GASKET
16.	BASE STUD
17.	STUD NUT
18.	SPINDLE ASSEMBLY SPINDLE HEAD SPINDLE STEM
19.	BOTTOM WASHER
20.	SPRING TYPE 1900P/P1 TYPE 1900R/P2
21.	TOP WASHER

1900 /P3

SRV/SPRL  
Effective June, 2002  
Supercedes SRVSPRL 1/98  
Dated November 1, 1998  
Section 4 Page 3



REF. NO.	NOMENCLATURE
1.	BASE 1905-1912 1920-1923
2.	NOZZLE
3.	ADJUSTING RING
4.	ADJ. RING PIN ASSEMBLY RING PIN HEAD RING PIN STEM
5.	ADJ. RING PIN GASKET
6.	DISC
7.	DISC HOLDER
8.	HOLDER RING
9.	HOLDER RING RETAINER
10.	GUIDE ASSEMBLY GUIDE SLEEVE GUIDE FLANGE
11.	GUIDE GASKET
12.	YOKE
13.	BASE STUD
14.	STUD NUT
15.	SPINDLE ASSEMBLY SPINDLE HEAD SPINDLE STEM
16.	BOTTOM SPRING WASHER
17.	SPRING
18.	TOP SPRING WASHER ASSEMBLY SPRING WASHER DRIVE PIN
19.	ADJUSTING SCREW

**RECOMMENDED SPARE PARTS****STEAM INTERNAL DESIGN - SAFETY RELIEF VALVES  
1900 CONVENTIONAL P1/P2/P3 - 1900-30 BELLOWS P1/P2**

CLASS	PART NAME	INTERCHANGEABILITY P1/P2/P3	C-CONVENTIONAL B-BELLOWS	QTY PARTS/SAME VALVES IN SERV. (MINIMUM)	QTY PARTS/SAME VALVES IN SERV. (MAXIMUM)	PREDICTED AVAILABILITY
I.	Disc	P1/P2/P3	C & B	1 / 5	1 / 3	70%
	Bellows	P1/P2	B	1 / 5	1 / 3	
	Adj. Ring Pin	P1/P2/P3	C & B	1 / 5	1 / 3	
	Disc Holder Ring	P1/P2/P3	C & B	1 / 3	1 / 1	
	Disc Holder Ring Retainer	P1/P2/P3	C & B	1 / 8	1 / 5	
	Spindle Retainer	P1/P2	B	1 / 3	1 / 1	
	Gasket (Set)					
	(1) Cap Gasket	P1/P2	C & B	1 / 3	1 / 1	
	(1) Bonnet Gasket	P1/P2	C & B	1 / 3	1 / 1	
	(1) Guide Gasket	P1/P2/P3	C & B	1 / 3	1 / 1	
	(1) Adj. Ring Pin Gasket	P1/P2/P3	C & B	1 / 3	1 / 1	
	(1) Bellows Gasket	P1/P2	B	1 / 3	1 / 1	
II.	Nozzle	P1/P2/P3	C & B	1 / 15	1 / 10	85%
	Disc Holder	P1/P2/P3	C & B	1 / 10	1 / 6	
	Spindle	P1/P2/P3	C & B	1 / 10	1 / 6	
	Studs, Base	P1/P2/P3	C & B	1 Set / 10	1 Set / 6	
	Nuts, Base Stud	P1/P2/P3	C & B	1 Set / 10	1 Set / 6	
III.	Guide	P1/P2/P3	C & B	1 / 10	1 / 6	95%
	Adjusting Ring	P1/P2/P3	C & B	1 / 15	1 / 10	
	Spring Assembly					
	(1) Spring	P1/P2/P3	C & B	1 / 15	1 / 10	
	(1) Spring Washer (U)	P1/P2/P3	C & B	1 / 15	1 / 10	
	(1) Spring Washer (L)	P1/P2/P3	C & B	1 / 15	1 / 10	
	Adjusting Screw	P1/P2/P3	C & B	1 / 15	1 / 10	
IV.	Adjusting Screw Lock Nut	P1/P2/P3	C & B	1 / 15	1 / 10	99%
	Cap (Select One):					
	Packed Lever Asssembly	P1/P2	C & B	1 / 15	1 / 10	
	(1) Cap Assembly					
	(1) Release Nut					
	(1) Release Lock Nut					
	Plain Lever Assembly	P1/P2/P3	C & B	1 / 15	1 / 10	
	(1) Cap Assembly					
	(1) Release Nut					
	(1) Release Lock Nut					
	*Limit Washer	P1/P2/P3	C & B	1 / 15	1 / 10	

\*Used only in D & E Orifices. Machine per instructions in Maintenance Safety Manual - Safety Relief Valves For Steam Service Type 1900/P1, P2, & P/3.

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 1900 CONVENTIONAL P1/P2/P3 <sup>(1)</sup> - 1900-30 BELLOWS P1/P2 <sup>(2)</sup>

PART DESCRIPTION MATERIAL	DESIGN	1905 D (3)	1906 D (3)	1910 D (3)	1912 D (3)	1914 D (3)	1916 D (3)	1918 D (3)
CLASS I								
1. DISC 616 SS	C-P1/P2/P3 B-P1/P2	1966401						
2. DISC HOLDER RING 410 SS	C-P1/P2/P3 B-P1/P2	1966501						
3. DISC HOLDER RING RETAINER	C-P1/P2/P3 B-P1/P2	2090922						
Carbon Steel Electroless Nickel Plated								
4. SPINDLE RETAINER Inconel X750	B-P1/P2	2410808						
5. ADJUSTING RING PIN	C-P1/P2/P3	1076416						
316 SS	B-P1/P2							
6. BELLOWS		SEE SEPARATE BELLOWS SELECTION INTERCHANGEABILITY CHART						
7. GASKETS								
7a. CAP GASKET (For packed cap only) Soft Iron	C-P1/P2 B-P1/P2	3620106				3620108		3630101
7b. ADJUSTING RING PIN GASKET Soft Iron								
	C-P1/P2/P3 B-P1/P2	3602505						

**Note:** (1) "P3" Design not built for 1914, 1916, and 1918.  
(2) Bellows Design not available in "P3".  
(3) The D Orifice Valve is an F Orifice with the lift restricted.

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 1900 CONVENTIONAL P1/P2/P3 <sup>(1)</sup> - 1900-30 BELLOWS P1/P2 <sup>(3)</sup>

PART DESCRIPTION MATERIAL	DESIGN	1905 D (3)	1906 D (3)	1910 D (3)	1912 D (3)	1914 D (3)	1916 D (3)	1918 D (3)
7C. BONNET GASKET	C-P1/P2	3630104			3640103	3640106		3650101
Soft Iron	B-P1/P2							
7D. GUIDE GASKET								
Soft Iron	C-P1/P2/P3	3630104			3640103	3640106		3650101
	B-P1/P2	3721106			3731102	3730904		3731107
7E. BELLOWS GASKET								
Soft Iron	B-P1/P2	3590101						
CLASS II								
8. NOZZLE (Raised Face) (4) 316 SS	C-P1/P2/P3 B-P1/P2							
8A. -5 or T-Design 316 SS		4682001			6109101	(5)		4677001
8B. Pre -5 or - "T" Design 316 SS		4615901			1994601	4591401		1967801
9. NOZZLE (Ring Joint) (4) 316 SS		None						
9A.								
9B.								
10. DISC HOLDER								
304 SS	C-P1/P2/P3	1966801						
304 SS	B-P1/P2	1966701						
11. SPINDLE ASSEMBLY								
410 SS Head/416 SS Stem	C-P1/P2	1970001		1970101	1970201	1970301		1970401
	C-P3	1970201						
	B-P1/P2	1968901		1969001	1969002	1969201		1970401

**Note:** (1) "P" Design not built for 1914, 1916, and 1918.

(2) The D Orifice Valve is an F Orifice with the lift restricted.

(3) Bellows Design not available in "3".

(4) Bore Size reflects requirements of 1978 ASME Cod Revision. Valves shipped before 1978 may have different bore dimensions.

(5) Contact Factory

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 1900 CONVENTIONAL P1/P2/P3 <sup>(1)</sup> - 1900-30 BELLOWS P1/P2 <sup>(3)</sup>

PART DESCRIPTION	DESIGN	1905 D (2)	1906 D (2)	1910 D (2)	1912 D (2)	1914 D (2)	1916 D (2)	1918 D (2)
12. BASE STUDS								
B7 Alloy	C-P1/P2/P3	3232228				3262552		3271646
B7 Alloy	B-P1/P2	3230106				3262555		3271650
13. BASE STUD NUTS								
GR 2H Steel (each)	C-P1/P2/P3 B-P1/P2	2200204				2200205		2200207
CLASS III								
14. GUIDE								
Alloy 978 Leaded Nickel Bronze See Note (4)	C-P1/P2/P3	5111001 (5111005)			5111001 (5111104)	5110901 (4741702)		5111201 (4740502)
Alloy 978 Leaded Nickel Bronze See Note (4)	B-P1/P2	1968301 (1968304)			1968601	1968701 (1968702)		1968801
15. ADJUSTING RING								
CF8M SS	C-P1/P2/P3 B-P1/P2	4601101						
16. SPRING		SELECT FROM SPRING CHART						
16A. UPPER SPRING WASHER								
Carbon Steel	C-P1/P2 B-P1/P2	0131601	1076901	0284901	0255501		0279601	
Carbon Steel	C-P3	4049501						
16. LOWER SPRING WASHER								
Carbon Steel	C-P1/P2 B-P1/P2	0131601	1076901	0284901	1087301		0279601	
Carbon Steel	C-P3	0284901						

**Note:** (1) "P3" Design not built for 1914, 1916, and 1918.  
(2) The D Orifice Valve is an F Orifice with the lift restricted.  
(3) Bellows Design not available in "P3".  
(4) Alternate part number in "( )".

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 1900 CONVENTIONAL P1/P2/P3 <sup>(1)</sup> - 1900-30 BELLOWS P1/P2 <sup>(3)</sup>

PART DESCRIPTION	DESIGN	1905 D (2)	1906 D (2)	1910 D (2)	1912 D (2)	1914 D (2)	1916 D (2)	1918 D (2)
CLASS IV								
17. ADJUSTING SCREW								
416 SS	C-P1/P2 B-P1/P2	1085101			0263201	1087401		1095601
416 SS	C-P3	0263201						
18. ADJUSTING SCREW LOCK NUT								
416 SS	C-P1/P2 B-P1/P2	1077101			0263101	0149701		1095701
416 SS	C-P3	0263101						
19. CAP								
19A. PACKED LIFTING LEVER ASSEMBLY								
Carbon Steel Only	C-P1/P2 B-P1/P2	0343701				0289501		0280001
RELEASE NUT								
Carbon Steel	C-P1/P2 B-P1/P2	1075901				0149101		0107601
RELEASE LOCK NUT								
Carbon Steel	C-P1/P2 B-P1/P2	2210101				2210104		2210102
19B. PLAIN LIFTING LEVER ASSEMBLY								
Carbon Steel Only	C-P1/P2/P3 B-P1/P2	0343601				0289801		0280301
RELEASE NUT								
Carbon Steel	C-P1/P2/P3 B-P1/P2	1079401				0149601		0104801
RELEASE LOCK NUT								
Carbon Steel	C-P1/P2/P3 B-P1/P2	2210101				2210104		2210102
20. LIMIT WASHER								
304 SS	C-P1/P2/P3	4411901						
304 SS	B-P1/P2	4412001						

Note: (1) "P" Design not built for 1914, 1916, and 1918.

(2) The D Orifice Valve is an F Orifice with the lift restricted.

(3) Bellows Design not available in "P3".



## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 1900 CONVENTIONAL P1/P2/P3 <sup>(1)</sup> - 1900-30 BELLOWS P1/P2 <sup>(2)</sup>

PART DESCRIPTION	DESIGN	1905 E (3)	1906 E (3)	1910 E (3)	1912 E (3)	1914 E (3)	1916 E (3)	1918 E (3)
CLASS I								
1. DISC								
616 SS	C-P1/P2/P3 B-P1/P2	1966401						
2. DISC HOLDER RING								
410 SS	C-P1/P2/P3	1966501						
3. DISC HOLDER RING RETAINER								
Carbon Steel Electroless Nickel Plated	C-P1/P2/P3 B-P1/P2	2090922						
4. SPINDLE RETAINER								
Inconel X750	B-P1/P2	2410808						
5. ADJUSTING RING PIN								
316 SS	C-P1/P2/P3 B-P1/P2	1076416						
6. BELLOWS	B-P1/P2	SEE SEPARATE BELLOWS SELECTION INTERCHANGEABILITY CHART						
7. GASKETS								
7a. CAP GASKET (For packed cap only)								
Soft Iron	C-P1/P2	3620106				3620108		3630101
7b. ADJUSTING RING PIN GASKET								
Soft Iron	C-P1/P2/P3 B-P1/P2	3602505						
7c. BONNET GASKET								
Soft Iron	C-P1/P2 B-P1/P2	3630104			3640103	3640106		3650101

**Note:** (1) "P3" Design not built for 1914, 1916, and 1918.

(2) Bellows Design not available in "P3".

(3) The E Orifice Valve is an F Orifice with the lift restricted.

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 1900 CONVENTIONAL P1/P2/P3 <sup>(1)</sup> - 1900-30 BELLOWS P1/P2 <sup>(3)</sup>

PART DESCRIPTION	DESIGN	1905 E (2)	1906 E (2)	1910 E (2)	1912 E (2)	1914 E (2)	1916 E (2)	1918 E (2)
7D. GUIDE GASKET								
Soft Iron	C-P1/P2/P3	3630104			3640103	3640106		3650101
Soft Iron	B-P1/P2	3721106			3731102	3730904		3731107
7E. BELLOWS GASKET								
Soft Iron	B-P1/P2	3590101						
CLASS II								
8. NOZZLE (Raised Face) (4)	C-P1/P2/P3 B-P1/P2							
316 SS								
8A. -5 or -T Design 316 SS		4682001			6109101	(5)		4677001
8B. Pre -5 or -T Design 316 SS		4615901			1994601	4591401		1967801
9. NOZZLE (Ring Joint) (4)	C-P1/P2/P3							
316 SS	B-P1/P2	None						
9A.								
9B.								
10. DISC HOLDER								
304 SS	C-P1/P2/P3	1966801						
304 SS	B-P1/P2	1966701						
11. SPINDLE ASSEMBLY								
410 SS Head/416 SS Stem	C-P1/P2	1970001			1970201	1970301		1970401
410 SS Head/416 SS Stem	C-P3	1970201						
410 SS Head/416 SS Stem	B-P1/P2	1968901		1969001	1969002	1969201		1970401
12. BASE STUDS								
B7 Alloy (each)	C-P1/P2/P3	3232228				3262552		3271646
B7 Alloy (each)	B-P1/P2	3232230				3262555		3271650

**Note:** (1) "P3" Design not built for 1914, 1916, and 1918.

(2) The E Orifice Valve is an F Orifice with the lift restricted.

(3) Bellows Design not available in "P3".

(4) Bore Size reflects requirements of 1978 ASME Cod Revision. Valves shipped before 1978 may have different bore dimesions.

(5) Contact Factory

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 1900 CONVENTIONAL P1/P2/P3 <sup>(1)</sup> - 1900-30 BELLOWS P1/P2 <sup>(3)</sup>

PART DESCRIPTION	DESIGN	1905 E (2)	1906 E (2)	1910 E (2)	1912 E (2)	1914 E (2)	1916 E (2)	1918 E (2)
13. BASE STUD NUTS								
GR 2H Steel (each)	C-P1/P2/P3	2200204				2200205		2200207
	B-P1/P2							
CLASS III								
14. GUIDE								
Alloy 978 Leaded Nickel Bronze See Note (4)	C-P1/P2/P3	4647616			4740108			4740502
Alloy 978 Leaded Nickel Bronze See Note (4)	B-P1/P2	1968301 (1968304)			1968601	1968701 (1968702)		1968801
15. ADJUSTING RING								
CF8M SS	C-P1/P2/P3 B-P1/P2	4601101						
16. SPRING		SELECT FROM SPRING CHART						
16A. UPPER SPRING WASHER								
Carbon Steel	C-P1/P2 B-P1/P2	0131601		1076901	0284901	0255501		0279601
Carbon Steel	C-P3	4049501						
16B. LOWER SPRING WASHER								
Carbon Steel	C-P1/P2 B-P1/P2	0131601		1076901	0284901	1087301		0279601
Carbon Steel	C-P3	0284901						
CLASS IV								
17. ADJUSTING SCREW								
416 SS	C-P1/P2 B-P1/P2	1085101			0263201	1087401		1095601
416 SS	C-P3	0263201						

**Note:** (1) "P3" Design not built for 1914, 1916, and 1918.  
(2) The E Orifice Valve is an F Orifice with the lift restricted.  
(3) Bellows Design not available in "P3".  
(4) Alternate part number in "( )".

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 1900 CONVENTIONAL P1/P2/P3 <sup>(1)</sup> - 1900-30 BELLOWS P1/P2 <sup>(3)</sup>

PART DESCRIPTION	DESIGN	1905 E (2)	1906 E (2)	1910 E (2)	1912 E (2)	1914 E (2)	1916 E (2)	1918 E (2)
18. ADJUSTING SCREW LOCK NUT								
416 SS	C-P1/P2 B-P1/P2	1077101			0263101	0149701		1095701
416 SS	C-P3	0263101						
19. CAP								
19A. PACKED LIFTING LEVER ASEMBLY								
Carbon Steel Only	C-P1/P2 B-P1/P2	0343701				0289501		0280001
RELEASE NUT								
Carbon Steel	C-P1/P2 B-P1/P2	1075901				0149101		0107601
RELEASE LOCK NUT								
Carbon Steel	C-P1/P2 B-P1/P2	2210101				2210104		2210102
19B. PLAIN LIFTING LEVER ASSEMBLY								
Carbon Steel Only	C-P1/P2/P3 B-P1/P2	0343601				0289801		0280301
RELEASE NUT								
Carbon Steel	C-P1/P2/P3 B-P1/P2	1079401				0149601		0104801
RELEASE LOCK NUT								
Carbon Steel	C-P1/P2/P3 B-P1/P2	2210101				2210104		2210102
20. LIMIT WASHER								
304 SS	C-P1/P2/P3	4411901						
304 SS	B-P1/P2	4412001						

**Note:** (1) "P3" Design not built for 1914, 1916, and 1918.  
(2) The E Orifice Valve is an F Orifice with the lift restricted.  
(3) Bellows Design not available in "P3".

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 1900 CONVENTIONAL P1/P2/P3 <sup>(1)</sup> - 1900-30 BELLOWS P1/P2 <sup>(2)</sup>

PART DESCRIPTION	DESIGN	1905 F	1906 F	1910 F	1912 F	1914 F	1916 F	1918 F
CLASS I								
1. DISC 616SS	C-P1/P2/P3 B-P1/P2	1966401						
2. DISC HOLDER RING 410SS	C-P1/P2/P3 B-P1/P2	1966501						
3. DISC HOLDER RING RETAINER								
Carbon Steel Electroless Nickel Plated	C-P1/P2/P3 B-P1/P2	2090922						
4. SPINDLE RETAINER Inconel X750	B-P1/P2	2410808						
5. ADJUSTING RING PIN 316SS	C-P1/P2/P3 B-P1/P2	1076416						
6. BELLOWS	B-P1/P2	SEE SEPARATE BELLOWS SELECTION INTERCHANGEABILITY CHART						
7. GASKETS								
7a. CAP GASKET (For packed cap only) Soft Iron	B-P1/P2	3620106				3620108		3630101
7b. ADJUSTING RING PIN GASKET Soft Iron	C-P1/P2/P3 B-P1/P2	3602505						
7c. BONNET GASKET Soft Iron	C-P1/P2 B-P1/P2	3630104			3640103	3640106		3650101
7d. GUIDE GASKET Soft Iron	C-P1/P2/P3 B-P1/P2	3630104 3721106			3640103 3731102	3640106 3730904		3650101 3731107
7e. BELLOWS GASKET Soft Iron	B-P1/P2	3590101						

**Note:** (1) "P3" Design not built for 1914, 1916, 1918.  
(2) Bellows Design not available in "P3".

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 1900 CONVENTIONAL P1/P2/P3 <sup>(1)</sup> - 1900-30 BELLOWS P1/P2 <sup>(2)</sup>

PART DESCRIPTION	DESIGN	1905 F	1906 F	1910 F	1912 F	1914 F	1916 F	1918 F
CLASS II								
8. NOZZLE (Raised Face) (3)	C-P1/P2/P3 B-P1/P2							
316 SS								
8A. -5 or -T Design 316 SS		4682101					4677001	
8B. Pre -5 or -T Design 316 SS		4591401					1967801	
9. NOZZLE (Ring Joint) (3)	C-P1/P2/P3 B-P1/P2							
316 SS								
9A.								
9B.								
10. DISC HOLDER								
304 SS	C-P1/P2/P3	1966801						
304 SS	B-P1/P2	1966701						
11. SPINDLE ASSEMBLY								
410 SS Head/416 SS Stem	C-P1/P2	1970001		1970101	1970201	1970301		1970401
410 SS Head/416 SS Stem	C-P3	1970201						
410 SS Head/416 SS Stem	B-P1/P2	1968901		1969001	1969101	1969201		1970401
12. BASE STUDS								
B7 Alloy (each)	C-P1/P2/P3	3230101				3260106		3270108
B7 Alloy (each)	B-P1/P2	3230106				3260128		3270109

**Note:** (1) "P3" Design not built for 1914, 1916, and 1918.

(2) Bellows Design not available in "P3".

(3) Bore Size reflects requirements of 1978 ASME Cod Revision. Valves shipped before 1978 may have different bore dimensions.

(4) Contact Factory

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 1900 CONVENTIONAL P1/P2/P3 <sup>(1)</sup> - 1900-30 BELLOWS P1/P2 <sup>(2)</sup>

PART DESCRIPTION	DESIGN	1905 F	1906 F	1910 F	1912 F	1914 F	1916 F	1918 F
13. BASE STUD NUTS								
GR 2H Steel (each)	C-P1/P2/P3 B-P1/P2	2200204					2200205	2200207
CLASS III								
14. GUIDE								
Alloy 978 Leaded Nickel Bronze See Note (3)	C-P1/P2/P3	5111001 (5111005)			5111001 (51110004)	5110901 (4741702)		5111201 (4740502)
Alloy 978 Leaded Nickel Bronze See Note (3)	B-P1/P2	1968301 (1968304)			1968601	1968701 (1968702)		1968801
15. ADJUSTING RING CF8M SS	C-P1/P2/P3 B-P1/P2	4601101						
16. SPRING		SELECT FROM SPRING CHART						
16A. UPPER SPRING WASHER	C-P1/P2	0131601		1076901	0284901	0255501		0279601
Carbon Steel	B-P1/P2							
Carbon Steel	C-P3	4049501						
16B. LOWER SPRING WASHER	C-P1/P2	0131601		1076901	0284901	1087301		0279601
Carbon Steel	B-P1/P2							
Carbon Steel	C-P3	0284901						
CLASS IV								
17. ADJUSTING SCREW	C-P1/P2	1085101			0263201	1087401		1095601
416 SS	B-P1/P2							
416 SS	C-P3	0263201						

**Note:** (1) "P3" Design not built for 1914, 1916, and 1918.

(2) Bellows Design not available in "P3".

(3) Old part numbers will eventually be replaced by the new part numbers shown in ().

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 1900 CONVENTIONAL P1/P2/P3 <sup>(1)</sup> - 1900-30 BELLOWS P1/P2 <sup>(2)</sup>

PART DESCRIPTION	DESIGN	1905 F	1906 F	1910 F	1912 F	1914 F	1916 F	1918 F
18. ADJUSTING SCREW LOCK NUT 416 SS	C-P1/P2 B-P1/P2	1077101			0263101	0149701		1095701
416 SS	C-P3	0263101						
19. CAP								
19A. PACKED LIFTING LEVER ASEMBLY								
Carbon Steel Only	C-P1/P2 B-P1/P2	0343701				0289501		0280001
RELEASE NUT								
Carbon Steel	C-P1/P2 B-P1/P2	1075901				0149101		0107601
RELEASE LOCK NUT								
Carbon Steel	C-P1/P2 B-P1/P2	2210101				2210104		2210102
19B. PLAIN LIFTING LEVER ASSEMBLY								
Carbon Steel Only	C-P1/P2/P3 B-P1/P2	0343601				0289801		0280301
RELEASE NUT								
Carbon Steel	C-P1/P2/P3 B-P1/P2	1079401				0149601		0104801
RELEASE LOCK NUT								
Carbon Steel	C-P1/P2/P3 B-P1/P2	2210101				2210104		2210102

**Note:** (1) "P3" Design not built for 1914, 1916, and 1918.

(2) Bellows Design not available in "P3".



## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 1900 CONVENTIONAL P1/P2/P3 <sup>(1)</sup> - 1900-30 BELLOWS P1/P2 <sup>(2)</sup>

PART DESCRIPTION	DESIGN	1905 G	1906 G	1910 G	1912 G	1914 G	1916 G	1918 G
CLASS I								
1. DISC								
616 SS	C-P1/P2/P3 B-P1/P2	1962001						
2. DISC HOLDER RING								
410 SS	B-P1/P2	1962101						
3. DISC HOLDER RING RETAINER								
Carbon Steel Electroless Nickel Plated	C-P1/P2/P3 B-P1/P2	2090922						
4. SPINDLE RETAINER								
Inconel X750	B-P1/P2	2410808						
5. ADJUSTING RING PIN								
316 SS	C-P1/P2/P3 B-P1/P2	1076416						
6. BELLOWS	B-P1/P2	SEE SEPARATE BELLOWS SELECTION INTERCHANGEABILITY CHART						
7. GASKETS								
7a. CAP GASKET (For packed cap only)								
Soft Iron	B-P1/P2	3620106				3620108		
7b. ADJUSTING RING PIN GASKET								
Soft Iron	C-P1/P2/P3 B-P1/P2	3602505						
7c. BONNET GASKET								
Soft Iron	C-P1/P2 B-P1/P2	3630104			3640103	3640106		

**Note:** (1) "P3" Design not built for 1914, 1916, 1918.  
(2) Bellows Design not available in "P3".

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 1900 CONVENTIONAL P1/P2/P3 <sup>(1)</sup> - 1900-30 BELLOWS P1/P2 <sup>(2)</sup>

PART DESCRIPTION	DESIGN	1905 G	1906 G	1910 G	1912 G	1914 G	1916 G	1918 G
7D. GUIDE GASKET								
Soft Iron	C-P1/P2/P3	3630104				3640106		
Soft Iron	B-P1/P2	3721106			3731102	3730904		3731107
7E. BELLOWS GASKET								
Soft Iron	B-P1/P2	3590101						
CLASS II								
8. NOZZLE (Raised Face) (3)								
316 SS	C-P1/P2/P3 B-P1/P2							
8A. -5 or -T Design 316 SS		4677201				4677501		4677201
8B. Pre -5 or -T Design 316 SS		4598201					1961701	
9. NOZZLE (Ring Joint) (3)								
316 SS	C-P1/P2/P3 B-P1/P2	1963901 On Appl.	1964001				1961801 On Appl.	1964101 On Appl.
9A.								
9B.								
10. DISC HOLDER								
304 SS	C-P1/P2/P3	1965701						
304 SS	B-P1/P2	1962901						
11. SPINDLE ASSEMBLY								
410 SS Head/416 SS Stem	C-P1/P2	1966001		1966101	1966201	1966301		
410 SS Head/416 SS Stem	C-P3	1966201						
410 SS Head/416 SS Stem	B-P1/P2	1968901		1969001	1969101	1969201		
12. BASE STUDS								
B7 Alloy (each)	C-P1/P2/P3	3230101				3260106		
B7 Alloy (each)	B-P1/P2	3230106	3260106			3260109		

**Note:** (1) "P3" Design not built for 1914, 1916, and 1918.

(2) Bellows Design not available in "P3".

(3) Bore Size reflects requirements of 1978 ASME Cod Revision. Valves shipped before 1978 may have different bore dimesions.

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 1900 CONVENTIONAL P1/P2/P3 <sup>(1)</sup> - 1900-30 BELLOWS P1/P2 <sup>(2)</sup>

PART DESCRIPTION	DESIGN	1905 G	1906 G	1910 G	1912 G	1914 G	1916 G	1918 G
13. BASE STUD NUTS								
GR 2H Steel (each)	C-P1/P2/P3 B-P1/P2	2200204				2200205		
CLASS III								
14. GUIDE								
Alloy 978 Leaded Nickel Bronze See Note (3)	C-P1/P2/P3	5111001		5111001		5110901		
		(5111005)		(5111004)		(4741702)		
Alloy 978 Leaded Nickel Bronze See Note (3)	B-P1/P2	1963701		1963601		1962401		
		(1963702)		(1963602)		(1962402)		
15. ADJUSTING RING								
CF8M SS	C-P1/P2/P3 B-P1/P2	4601401						
16. SPRING		SELECT FROM SPRING CHART						
16A. UPPER SPRING WASHER								
Carbon Steel	C-P1/P2 B-P1/P2	0131601	1076901	0284901	0255501			
Carbon Steel	C-P3	4049501						
16B. LOWER SPRING WASHER								
Carbon Steel	C-P1/P2 B-P1/P2	0131601	1076901	0284901	1087301			
Carbon Steel	C-P3	0284901						
CLASS IV								
17. ADJUSTING SCREW								
416 SS	C-P1/P2 B-P1/P2	1085101			0263201	1087401		
416 SS	C-P3	0263201						

**Note:** (1) "P3" Design not built for 1914, 1916, and 1918.

(2) Bellows Design not available in "P3".

(3) Alternate part number in "( )".

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 1900 CONVENTIONAL P1/P2/P3 <sup>(1)</sup> - 1900-30 BELLOWS P1/P2 <sup>(2)</sup>

PART DESCRIPTION	DESIGN	1905 G	1906 G	1910 G	1912 G	1914 G	1916 G	1918 G
18. ADJUSTING SCREW LOCK NUT								
416 SS	C-P1/P2 B-P1/P2	1077101			0263101	0149701		
416 SS	C-P3	0263101						
19. CAP								
19A. PACKED LIFTING LEVER ASEMBLY								
Carbon Steel Only	C-P1/P2 B-P1/P2	0343701				0289501		
RELEASE NUT								
Carbon Steel	C-P1/P2 B-P1/P2	1075901				0149101		
RELEASE LOCK NUT								
Carbon Steel	C-P1/P2 B-P1/P2	2210101				2210104		
19B. PLAIN LIFTING LEVER ASSEMBLY								
Carbon Steel Only	C-P1/P2/P3 B-P1/P2	0343601				0289801		
RELEASE NUT								
Carbon Steel	C-P1/P2/P3 B-P1/P2	1079401				0149601		
RELEASE LOCK NUT								
Carbon Steel	C-P1/P2/P3 B-P1/P2	2210101				2210104		

**Note:** (1) "P3" Design not built for 1914, 1916, and 1918.

(2) Bellows Design not available in "P3".

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 1900 CONVENTIONAL P1/P2/P3 <sup>(1)</sup> - 1900-30 BELLOWS P1/P2 <sup>(2)</sup>

PART DESCRIPTION	DESIGN	1905 H	1906 H	1910 H	1912 H	1914 H	1916 H
CLASS I							
1. DISC							
616 SS	C-P1/P2/P3 B-P1/P2	1878101					
2. DISC HOLDER RING							
410 SS	B-P1/P2	1881701					
3. DISC HOLDER RING RETAINER							
Carbon Steel Electroless Nickel Plated	C-P1/P2/P3 B-P1/P2	2090914					
4. SPINDLE RETAINER							
Inconel X750	B-P1/P2	None					
5. ADJUSTING RING PIN							
316 SS	C-P1/P2/P3 B-P1/P2	1076416					
6. BELLOWS		SEE SEPARATE BELLOWS SELECTION INTERCHANGEABILITY CHART					
7. GASKETS							
7a. CAP GASKET (For packed cap only)							
Soft Iron	C-P1/P2	3620106			3620108	3630101	
7b. ADJUSTING RING PIN GASKET							
Soft Iron	C-P1/P2/P3 B-P1/P2	3602505					
7c. BONNET GASKET							
Soft Iron	C-P1/P2 B-P1/P2	3640103				3640106	

**Note:** (1) "P3" Design not built for 1914, 1916.  
(2) Bellows Design not available in "P3".

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 1900 CONVENTIONAL P1/P2/P3 <sup>(1)</sup> - 1900-30 BELLOWS P1/P2 <sup>(2)</sup>

PART DESCRIPTION	DESIGN	1905 H	1906 H	1910 H	1912 H	1914 H	1916 H
7D. GUIDE GASKET							
Soft Iron	C-P1/P2/P3	3640103				3640106	
Soft Iron	B-P1/P2	3731102				3730904	
7E. BELLOWS GASKET							
Soft Iron	B-P1/P2	3590101					
CLASS II							
8. NOZZLE (Raised Face) (3)							
316 SS	C-P1/P2/P3 B-P1/P2						
8A. -5 or -T Design 316 SS		4677801		4678101	4678301		
8B. Pre -5 or -T Design 316 SS		4608601		4608701	4610501		
9. NOZZLE (Ring Joint) (3)							
316 SS	C-P1/P2/P3 B-P1/P2	1881901 On Appl.	1881601	1880701	1881201 On Appl.	1881001	
9A.							
9B.							
10. DISC HOLDER							
304 SS	C-P1/P2/P3	1881501					
304 SS	B-P1/P2	1881401					
11. SPINDLE ASSEMBLY							
410 SS Head/416 SS Stem	B-P1/P2	1878501		1878601	1878901	1878401	
410 SS Head/416 SS Stem	C-P3	1878901					
12. BASE STUDS							
B7 Alloy (each)	B-P1/P2	3230101			3260101	3270101	
13. BASE STUD NUTS							
GR 2H Steel (each)	C-P1/P2/P3 B-P1/P2	2200204			2200205	2200207	

**Note:** (1) "P3" Design not built for 1914, 1916.

(2) Bellows Design not available in "P3".

(3) Bore Size reflects requirements of 1978 ASME Cod Revision. Valves shipped before 1978 may have different bore dimesions.

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 1900 CONVENTIONAL P1/P2/P3 <sup>(1)</sup> - 1900-30 BELLOWS P1/P2 <sup>(2)</sup>

PART DESCRIPTION	DESIGN	1905 H	1906 H	1910 H	1912 H	1914 H	1916 H
CLASS III							
14. GUIDE							
Alloy 978 Leaded Nickel Bronze See Note (3)	C-P1/P2/P3	5111601 (5111605)				5111501 (5111502)	
Alloy 978 Leaded Nickel Bronze See Note (3)	B-P1/P2	5113101					
15. ADJUSTING RING							
CF8M SS	C-P1/P2/P3 B-P1/P2	4601701					
16. SPRING		SELECT FROM SPRING CHART					
16A. UPPER SPRING WASHER							
Carbon Steel	C-P1/P2 B-P1/P2	1076901		0284901	0279201	0291201	
Carbon Steel	C-P3	1993401					
16B. LOWER SPRING WASHER							
Carbon Steel	C-P1/P2	1076901		0284901	0279201	0291201	
Carbon Steel	C-P3	0279201					
Carbon Steel	B-P1/P2	0265901		0285001	0279001	0291101	
CLASS IV							
17. ADJUSTING SCREW							
416 SS	C-P1/P2 B-P1/P2	0269701		0263201	1087401	1095601	
416 SS	C-P3	1087401					

**Note:** (1) "P3" Design not built for 1914, 1916.  
(2) Bellows Design not available in "P3".  
(3) Alternate part number in "()".

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 1900 CONVENTIONAL P1/P2/P3 <sup>(1)</sup> - 1900-30 BELLOWS P1/P2 <sup>(2)</sup>

PART DESCRIPTION	DESIGN	1905 H	1906 H	1910 H	1912 H	1914 H	1916 H
18. ADJUSTING SCREW LOCK NUT							
416 SS	C-P1/P2 B-P1/P2	0263101			0149701	1095701	
416 SS	C-P3	0149701					
19. CAP							
19A. PACKED LIFTING LEVER ASEMBLY							
Carbon Steel Only	C-P1/P2 B-P1/P2	0343701			0289501	0280001	
RELEASE NUT							
Carbon Steel	C-P1/P2 B-P1/P2	1075901			0149101	0107610	0107601
RELEASE LOCK NUT							
Carbon Steel	C-P1/P2 B-P1/P2	2210101			2210104	2210102	
19B. PLAIN LIFTING LEVER ASSEMBLY							
Carbon Steel Only	C-P1/P2 B-P1/P2	0343601			0289801	0280301	
Carbon Steel Only	C-P3	0289801					
RELEASE NUT							
Carbon Steel	C-P1/P2 B-P1/P2	1079401			0149601	0104801	
Carbon Steel	C-P3	0149601					
RELEASE LOCK NUT							
Carbon Steel	C-P1/P2 B-P1/P2	2210101			2210104	2210102	
Carbon Steel	C-P3	2210104					

**Note:** (1) "P3" Design not built for 1914, 1916.

(2) Bellows Design not available in "P3".



## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 1900 CONVENTIONAL P1/P2/P3 <sup>(1)</sup> - 1900-30 BELLOWS P1/P2 <sup>(2)</sup>

PART DESCRIPTION	DESIGN	1905 J	1906 J	1910 J	1912 J	1914 J	1916 J
CLASS I							
1. DISC							
616 SS	C-P1/P2/P3 B-P1/P2	1874501					
2. DISC HOLDER RING							
410 SS	B-P1/P2	1875301					
3. DISC HOLDER RING RETAINER							
Carbon Steel Electroless Nickel Plated	C-P1/P2/P3 B-P1/P2	2090913					
4. SPINDLE RETAINER							
Inconel X750	B-P1/P2	None					
5. ADJUSTING RING PIN							
316 SS	C-P1/P2/P3 B-P1/P2	1076416					
6. BELLOWS	B-P1/P2	SEE SEPARATE BELLOWS SELECTION INTERCHANGEABILITY CHART					
7. GASKETS							
7a. CAP GASKET (For packed cap only)							
Soft Iron	B-P1/P2	3620106		3620108		3630101	
7b. ADJUSTING RING PIN GASKET							
Soft Iron	C-P1/P2/P3 B-P1/P2	3602505					
7c. BONNET GASKET							
Soft Iron	C-P1/P2 B-P1/P2	3640106			3650101		

**Note:** (1) "P3" Design not built for 1914, 1916.  
(2) Bellows Design not available in "P3".

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 1900 CONVENTIONAL P1/P2/P3 <sup>(1)</sup> - 1900-30 BELLOWS P1/P2 <sup>(2)</sup>

PART DESCRIPTION	DESIGN	1905 J	1906 J	1910 J	1912 J	1914 J	1916 J
7D. GUIDE GASKET							
Soft Iron	C-P1/P2/P3	3640106			3650101		
Soft Iron	B-P1/P2	3730904			3731107		
7E. BELLOWS GASKET							
Soft Iron	B-P1/P2	3590102					
CLASS II							
8. NOZZLE (Raised Face) (4)							
316 SS	C-P1/P2/P3 B-P1/P2						
8A. -5 or -T Design 316 SS		4678601	4678901	4679101	4679401		
8B. Pre-5 or -T Design 316 SS		4611401	4611701	4612001	4612201		
9. NOZZLE (Ring Joint) (4)							
316 SS See Note (3)							
9A. -5 or -T Design 316 SS		4678701	4678801	4679001	4679201	4679501	4679601
9B. Pre-5 or -T Design 316 SS	C-P1/P2/P3	1879501	1880101	1879601	1880501	1879901	1880001
	B-P1/P2	On Appl.	(4612701)	On Appl.	(4613201)	(4613501)	On Appl.
10. DISC HOLDER							
316 SS	C-P1/P2/P3	1873602					
304 SS	B-P1/P2	1873703					
11. SPINDLE ASSEMBLY							
410 SS Head/416 SS Stem	C-P1/P2 B-P1/P2	1874901	1874301	1875601			
410 SS Head/416 SS Stem	C-P3	1875601					
12. BASE STUDS							
B7 Alloy (each)	C-P1/P2 B-P1/P2	3230101	3260101	3270108			
B7 Alloy (each)	C-P3	3230106	3260111	3270108			

**Note:** (1) "P3" Design not built for 1914, 1916.

(2) Bellows Design not available in "P3".

(3) Alternate part number in "( )".

(4) Bore Size reflects requirements of 1978 ASME Cod Revision. Valves shipped before 1978 may have different bore dimesions.

(5) Contact Factory

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 1900 CONVENTIONAL P1/P2/P3 <sup>(1)</sup> - 1900-30 BELLOWS P1/P2 <sup>(2)</sup>

PART DESCRIPTION	DESIGN	1905 J	1906 J	1910 J	1912 J	1914 J	1916 J
13. BASE STUD NUTS							
GR 2H Steel (each)	C-P1/P2/P3 B-P1/P2	2200204		2200205		2200207	
CLASS III							
14. GUIDE							
Alloy 978 Leaded Nickel Bronze See Note (3)	C-P1/P2/P3	5111301 (5111306)			5111401 (4740302)		
Alloy 978 Leaded Nickel Bronze See Note (3)	B-P1/P2	5112801 (4647807)			5112901 On Appl. (4740302)	5112901 (4740302)	
15. ADJUSTING RING							
CF8M SS	C-P1/P2/P3 B-P1/P2	4602001					
16. SPRING		SELECT FROM SPRING CHART					
16A. UPPER SPRING WASHER							
Carbon Steel	C-P1/P2 B-P1/P2	0284901		1087301		0152801	
Carbon Steel	C-P3	1992901					
16B. LOWER SPRING WASHER							
Carbon Steel	C-P1/P2 B-P1/P2	0284901		1087301		0152801	
Carbon Steel	C-P3	0152801					
CLASS IV							
17. ADJUSTING SCREW							
416 SS	C-P1/P2 B-P1/P2	0263201		1087401		1099101	
416 SS	C-P3	1099101					

**Note:** (1) "P3" Design not built for 1914, 1916.

(2) Bellows Design not available in "P3".

(4) Alternate part number in "( )".

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 1900 CONVENTIONAL P1/P2/P3 <sup>(1)</sup> - 1900-30 BELLOWS P1/P2 <sup>(2)</sup>

PART DESCRIPTION	DESIGN	1905 J	1906 J	1910 J	1912 J	1914 J	1916 J
18. ADJUSTING SCREW LOCK NUT							
416 SS	C-P1/P2 B-P1/P2	0263101		0149701		1099001	
416 SS	C-P3		1099001				
19. CAP							
19A. PACKED LIFTING LEVER ASSEMBLY							
Carbon Steel Only	C-P1/P2 B-P1/P2	0343701		0289501		0280001	
RELEASE NUT							
Carbon Steel	C-P1/P2 B-P1/P2	1075901		0149101		0121901	
RELEASE LOCK NUT							
Carbon Steel	C-P1/P2 B-P1/P2	2210101		2210104		2210105	
19B. PLAIN LIFTING LEVER ASSEMBLY							
Carbon Steel Only	C-P1/P2 B-P1/P2	0343601		0289801		0280301	
Carbon Steel Only	C-P3		0280301				
RELEASE NUT							
Carbon Steel	C-P1/P2 B-P1/P2	1079401		0149601		0121801	
Carbon Steel	C-P3		0121801				
RELEASE LOCK NUT							
Carbon Steel	C-P1/P2 B-P1/P2	2210101		2210104		2210105	
Carbon Steel	C-P3		2210105				

**Note:** (1) "P3" Design not built for 1914, 1916.

(2) Bellows Design not available in "P3".

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 1900 CONVENTIONAL P1/P2/P3 <sup>(1)</sup> - 1900-30 BELLOWS P1/P2 <sup>(2)</sup>

PART DESCRIPTION	DESIGN	1905 K	1906 K	1910 K	1912 K	1914 K	1916 K
<b>CLASS I</b>							
1. DISC							
616 SS	C-P1/P2/P3 B-P1/P2	1983701					
2. DISC HOLDER RING							
410 SS	B-P1/P2	1983601					
3. DISC HOLDER RING RETAINER							
Carbon Steel Electroless Nickel Plated	C-P1/P2/P3 B-P1/P2	2090927					
4. SPINDLE RETAINER							
Inconel X750	B-P1/P2	None					
5. ADJUSTING RING PIN							
316 SS	C-P1/P2/P3 B-P1/P2	1076416					
6. BELLOWS	B-P1/P2	SEE SEPARATE BELLOWS SELECTION INTERCHANGEABILITY CHART					
7. GASKETS							
7a. CAP GASKET (For packed cap only)							
Soft Iron	B-P1/P2	1749912		3630101		3640101	
7b. ADJUSTING RING PIN GASKET							
Soft Iron	C-P1/P2/P3 B-P1/P2	3602505					
7c. BONNET GASKET							
Soft Iron	C-P1/P2 B-P1/P2	3650105					

**Note:** (1) "P3" Design not built for 1914, 1916.  
(2) Bellows Design not available in "P3".

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 1900 CONVENTIONAL P1/P2/P3 <sup>(1)</sup> - 1900-30 BELLOWS P1/P2 <sup>(2)</sup>

PART DESCRIPTION	DESIGN	1905 K	1906 K	1910 K	1912 K	1914 K	1916 K
7D. GUIDE GASKET							
Soft Iron	C-P1/P2/P3	3650105				3650106	
Soft Iron	B-P1/P2	3731109				3731110	
7E. BELLOWS GASKET							
Soft Iron	B-P1/P2	3590104					
8. NOZZLE (Raised Face) (3)							
316 SS							
8A. -5 or -T Design 316 SS	C-P1/P2/P3	4679701			4680001	4680301	
8B. Pre -5 or -T Design 316 SS	B-P1/P2						
9. NOZZLE (Ring Joint) (3)							
316 SS See Note (4)							
9A. -5 or -T Design 316 SS		(5)	(5)		(5)	(5)	(5)
9B. Pre -5 or -T Design 316 SS	C-P1/P2/P3	1985601	1981601		1981501	1982301	1982101
	B-P1/P2	(6133901)	(4594601)		(4594701)		(4595001)
10. DISC HOLDER							
316 SS	C-P1/P2/P3	1983903					
304 SS	B-P1/P2	1984001					
11. SPINDLE ASSEMBLY							
410 SS Head/416 SS Stem	C-P1/P2 B-P1/P2	1984301		1984501		1984701	
410 SS Head/416 SS Stem	C-P3	1984301		1984501			
12. BASE STUDS							
B7 Alloy (each)	C-P1/P2 B-P1/P2	3230101		3260110		3280101	
B7 Alloy (each)	C-P3	3230107		3260110			
13. BASE STUD NUTS							
GR 2H Steel (each)	C-P1/P2/P3 B-P1/P2	2200204		2200205		2200208	

Note: (1) "P3" Design not built for 1914, 1916.

(2) Bellows Design not available in "P3".

(3) Alternate part number in "( )".

(4) Bore Size reflects requirements of 1978 ASME Cod Revision. Valves shipped before 1978 may have different bore dimensions.

(5) Contact Factory

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 1900 CONVENTIONAL P1/P2/P3 <sup>(1)</sup> - 1900-30 BELLOWS P1/P2 <sup>(2)</sup>

PART DESCRIPTION	DESIGN	1905 K	1906 K	1910 K	1912 K	1914 K	1916 K
CLASS III							
14. GUIDE							
Alloy 978 Leaded Nickel Bronze See Note (3)	C-P1/P2/P3	4647907 (formerly 5112505)				5112603 (formerly 5112602)	
Alloy 978 Leaded Nickel Bronze See Note (3)	B-P1/P2	4647907 (formerly 5114001)					
15. ADJUSTING RING							
CF8M SS	C-P1/P2/P3 B-P1/P2	4602301					
16. SPRING		SELECT FROM SPRING CHART					
16A. UPPER SPRING WASHER							
Carbon Steel	C-P1/P2 B-P1/P2	1087301	0255501		0258701		
Carbon Steel	C-P3	1992101					
16B. LOWER SPRING WASHER							
Carbon Steel	C-P1/P2 B-P1/P2	1087301	0255501		0258701		
Carbon Steel	C-P3	0255501					
CLASS IV							
17. ADJUSTING SCREW							
416 SS	C-P1/P2 B-P1/P2	1087401	0132901		0268201		
416 SS	C-P3	0132901	0132901				
18. ADJUSTING SCREW LOCK NUT							
416 SS	C-P1/P2 B-P1/P2	0149701	1095701		0427001		
416 SS	C-P3	1095701					

**Note:** (1) "P3" Design not built for 1914, 1916.  
(2) Bellows Design not available in "P3".  
(3) Alternate part number in "( )".

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 1900 CONVENTIONAL P1/P2/P3 <sup>(1)</sup> - 1900-30 BELLOWS P1/P2 <sup>(2)</sup>

PART DESCRIPTION	DESIGN	1905 K	1906 K	1910 K	1912 K	1914 K	1916 K
19. CAP							
19A. PACKED LIFTING LEVER ASEMBLY							
Carbon Steel Only	C-P1/P2 B-P1/P2	0289501		0280001		0286001	
RELEASE NUT							
Carbon Steel	C-P1/P2 B-P1/P2	0149101		0107601		0114001	
RELEASE LOCK NUT							
Carbon Steel	C-P1/P2 B-P1/P2	2210104		2210102		2210107	
19B. PLAIN LIFTING LEVER ASSEMBLY							
Carbon Steel Only	C-P1/P2 B-P1/P2	0289801		0280301		0286301	
Carbon Steel Only	C-P3	0280301					
RELEASE NUT							
Carbon Steel	C-P1/P2 B-P1/P2	0149601		0104801		0113901	
Carbon Steel	C-P3	0104801					
RELEASE LOCK NUT							
Carbon Steel	C-P1/P2 B-P1/P2	2210104		2210102		2210107	
Carbon Steel	C-P3	2210102					

**Note:** (1) "P3" Design not built for 1914, 1916.

(2) Bellows Design not available in "P3".



## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 1900 CONVENTIONAL P1/P2/P3 <sup>(1)</sup> - 1900-30 BELLOWS P1/P2 <sup>(2)</sup>

PART DESCRIPTION	DESIGN	1905 L	1906 L	1910 L	1912 L	1914 L	1916 L
CLASS I							
1. DISC							
316 SS	C-P1/P2/P3 B-P1/P2	1974301					
2. DISC HOLDER RING							
410 SS	C-P1/P2/P3 B-P1/P2	1974501					
3. DISC HOLDER RING RETAINER							
Carbon Steel Electroless Nickel Plated	C-P1/P2/P3 B-P1/P2	2090921					
4. SPINDLE RETAINER							
Inconel X750	B-P1/P2	None					
5. ADJUSTING RING PIN							
316SS	C-P1/P2/P3	1076416					
	B-P1/P2						
6. BELLOWS	B-P1/P3	SEE SEPARATE BELLOWS SELECTION INTERCHANGEABILITY CHART					
7. GASKETS							
7a. CAP GASKET (For packed cap only)							
Soft Iron	C-P1/P2 B-P1/P2	3630101				3640101	
7b. ADJUSTING RING PIN GASKET							
Soft Iron	C-P1/P2/P3 B-P1/P2	3602505					
7c. BONNET GASKET							
Soft Iron	C-P1/P2 B-P1/P2	3650109				3660104	

**Note:** (1) "P3" Design not built for 1914, 1916.  
(2) Bellows Design not available in "P3".

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 1900 CONVENTIONAL P1/P2/P3 <sup>(1)</sup> - 1900-30 BELLOWS P1/P2 <sup>(2)</sup>

PART DESCRIPTION	DESIGN	1905 L	1906 L	1910 L	1912 L	1914 L	1916 L
7D. GUIDE GASKET							
Soft Iron	C-P1/P2	3650109				3660104	
Soft Iron	B-P1/P2	3741303				3741306	
7E. BELLOWS GASKET							
Soft Iron	B-P1/P2	3590105					
CLASS II							
8. NOZZLE (Raised Face) (3)							
316 SS							
8A. -5 or - T Design 316 SS	C-P1/P2/P3	4680601		4680901		4681101	
8B. Pre -5 or -T Design 316 SS	B-P1/P2	4599801		4600101		4600401	
9. NOZZLE (Ring Joint) (3)							
316 SS							
9A.							
9B.	C-P1/P2/P3	1971601	1971701	1971901		1972101	1972201
	B-P1/P2	On Appl.				On Appl.	On Appl.
10. DISC HOLDER							
316 SS	C-P1/P2/P3	1974603					
304 SS	B-P1/P2	1974701					
11. SPINDLE ASSEMBLY							
410 SS Head/416 SS Stem	C-P1/P2 B-P1/P2	1972501		1972701		1972901	
410 SS Head/416 SS Stem	C-P3	1972701					
12. BASE STUDS							
B7 Alloy (each)	C-P1/P2 B-P1/P2	3260110		3270101		3280103	
B7 Alloy (each)	C-P3	3260111		3270101			

**Note:** (1) "P3" Design not built for 1914, 1916.

(4) Contact Factory

(2) Bellows Design not available in "P3".

(3) Bore Size reflects requirements of 1978 ASME Cod Revision. Valves shipped before 1978 may have different bore dimesions.

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 1900 CONVENTIONAL P1/P2/P3 <sup>(1)</sup> - 1900-30 BELLOWS P1/P2 <sup>(2)</sup>

PART DESCRIPTION	DESIGN	1905 L	1906 L	1910 L	1912 L	1914 L	1916 L
13. BASE STUD NUTS							
GR 2H Steel (each)	C-P1/P2/P3 B-P1/P2	2200205		2200207		2200208	
CLASS III							
14. GUIDE							
Alloy 978 Leaded Nickel Bronze See Note (3)	C-P1/P2/P3	4650707 ( formerly 5112207)				5112301 (formerly 5112303)	
Alloy 978 Leaded Nickel Bronze See Note (3)	B-P1/P2	4650707 (formerly 5113701)				5113801 (5113802)	
15. ADJUSTING RING							
CF8M SS	C-P1/P2/P3 B-P1/P2	4602601					
16. SPRING	C & B	SELECT FROM SPRING CHART					
16A. UPPER SPRING WASHER							
Carbon Steel	C-P1/P2 B-P1/P2	0357901		0152801		0284801	
Carbon Steel	C-P3	1992001					
16B. LOWER SPRING WASHER							
Carbon Steel	C-P1/P2 B-P1/P2	0357901		0152801		0284801	
Carbon Steel	C-P3	0152801					
CLASS IV							
17. ADJUSTING SCREW							
416 SS	C-P1/P2 B-P1/P2	0358001		1098001		0268201	
416 SS	C-P3	1098001					

**Note:** (1) "P3" Design not built for 1914, 1916.

(2) Bellows Design not available in "P3".

(3) Old part numbers will eventually be replaced by the new part numbers shown in ().

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 1900 CONVENTIONAL P1/P2/P3 <sup>(1)</sup> - 1900-30 BELLOWS P1/P2 <sup>(2)</sup>

PART DESCRIPTION	DESIGN	1905 L	1906 L	1910 L	1912 L	1914 L	1916 L
18. ADJUSTING SCREW LOCK NUT							
416 SS	C-P1/P2 B-P1/P2	0149701		1099001		0427001	
416 SS	C-P3	1099001					
19. CAP							
19A. PACKED LIFTING LEVER ASSEMBLY							
Carbon Steel Only	C-P1/P2 B-P1/P2	0280001				0286001	
RELEASE NUT							
Carbon Steel	C-P1/P2 B-P1/P2	0360701		0121901		0114001	
RELEASE LOCK NUT							
Carbon Steel	C-P1/P2 B-P1/P2	2210104		2210105		2210107	
19B. PLAIN LIFTING LEVER ASSEMBLY							
Carbon Steel	C-P1/P2/P3 B-P1/P2	0280301				0286301	
RELEASE NUT							
Carbon Steel	C-P1/P2 B-P1/P2	0360801		0121801		0113901	
Carbon Steel	C-P3	0121801					
RELEASE LOCK NUT							
Carbon Steel	C-P1/P2 B-P1/P2	2210104		2210105		2210107	
Carbon Steel	C-P3	2210105					

**Note:** (1) "P3" Design not built for 1914, 1916.

(2) Bellows Design not available in "P3".

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 1900 CONVENTIONAL P1/P2/P3 <sup>(1)</sup> - 1900-30 BELLOWS P1/P2 <sup>(2)</sup>

PART DESCRIPTION	DESIGN	1905 M	1906 M	1910 M	1912 M	1914 M
CLASS I						
1. DISC						
616 SS	C-P1/P2/P3 B-P1/P2	1960501				
2. DISC HOLDER RING						
410 SS	C-P1/P2/P3 B-P1/P2	1960401				
3. DISC HOLDER RING RETAINER						
Carbon Steel Electroless Nickel Plated	C-P1/P2/P3 B-P1/P2	2090919				
4. SPINDLE RETAINER						
Inconel X750	B-P1/P2	None				
5. ADJUSTING RING PIN						
316 SS	C-P1/P2/P3 B-P1/P2	1076416				
6. BELLOWS	B-P1/P2	SEE SEPARATE BELLOWS SELECTION INTERCHANGEABILITY CHART				
7. GASKETS						
7a. CAP GASKET (For packed cap only)						
Soft Iron	C-P1/P2 B-P1/P2	3630101			3640101	
7b. ADJUSTING RING PIN GASKET						
Soft Iron	C-P1/P2/P3 B-P1/P2	1749803				
7c. BONNET GASKET						
Soft Iron	C-P1/P2 B-P1/P2	3650112				

**Note:** (1) "P3" Design not built for 1914, 1916.  
(2) Bellows Design not available in "P3".

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 1900 CONVENTIONAL P1/P2/P3 <sup>(1)</sup> - 1900-30 BELLOWS P1/P2 <sup>(2)</sup>

PART DESCRIPTION	DESIGN	1905 M	1906 M	1910 M	1912 M	1914 M
<b>CLASS I</b>						
7D. GUIDE GASKET						
Soft Iron	C-P1/P2	3650112				
Soft Iron	B-P1/P2	3741304				
7E. BELLOWS GASKET						
Soft Iron	B-P1/P2	3590106				
<b>CLASS II</b>						
8. NOZZLE (Raised Face) (3)						
316 SS	C-P1/P2/P3 B-P1/P2					
8A. -5 or T-Design 316 SS			4681401			4681701
8B. Pre -5 or - T Design 316 SS			4606801			4607001
9. NOZZLE (Ring Joint) (3)						
316 SS See Note (4)						
9A. -5 or T-Design 316 SS						
9B. Pre -5 or - T Design 316 SS	C-P1/P2/P3	1959001	1959101			1959201
	B-P1/P2	On Appl.	(4607401)			On Appl.
10. DISC HOLDER						
316 SS	C-P1/P2/P3			1960104		
304 SS	B-P1/P2			1960201		
11. SPINDLE ASSEMBLY						
410 SS Head/416 SS Stem	C-P1/P2 B-P1/P2	1960001		1960701		1961501
410 SS Head/416 SS Stem	C-P3	1961501				
12. BASE STUDS						
B7 Alloy (each)	C-P1/P2 B-P1/P2	3260101		3260106		3270110
B7 Alloy (each)	C-P3	3260108			3270110	

**Note:** (1) "P3" Design not built for 1914.

(2) Bellows Design not available in "P3".

(5) Contact Factory

(3) Bore Size reflects requirements of 1978 ASME Cod Revision. Valves shipped before 1978 may have different bore dimensions.

(4) Alternate part number in "( )".

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 1900 CONVENTIONAL P1/P2/P3 <sup>(1)</sup> - 1900-30 BELLOWS P1/P2 <sup>(2)</sup>

PART DESCRIPTION	DESIGN	1905 M	1906 M	1910 M	1912 M	1914 M
CLASS III						
13. BASE STUD NUTS						
GR 2H Steel (each)	C-P1/P2/P3 B-P1/P2	2200205			2200207	
CLASS III						
14. GUIDE						
Alloy 978 Leaded Nickel Bronze See Note (3)	C-P1/P2/P3	4650810 (formerly 4650806)				
Alloy 978 Leaded Nickel Bronze See Note (3)	B-P1/P2	4650810 (formerly 4650806)				
15. ADJUSTING RING						
CF8M SS	C-P1/P2/P3 B-P1/P2	4602901				
16. SPRING		SELECT FROM SPRING CHART				
16A. UPPER SPRING WASHER						
Carbon Steel	C-P1/P2 B-P1/P2	0255501		0152801	0284801	
Carbon Steel	C-P3	1991601				
16B. LOWER SPRING WASHER						
Carbon Steel	C-P1/P2 B-P1/P2	0255501		0152801	0284801	
Carbon Steel	C-P3	0284801				
CLASS IV						
17. ADJUSTING SCREW						
416 SS	C-P1/P2 B-P1/P2	0398401		1098001	0268201	
416 SS	C-P3	0268201				

**Note:** (1) "P3" Design not built for 1914.  
(2) Bellows Design not available in "P3".  
(3) Alternate part number in "( )".

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 1900 CONVENTIONAL P1/P2/P3 <sup>(1)</sup> - 1900-30 BELLOWS P1/P2 <sup>(2)</sup>

PART DESCRIPTION	DESIGN	1905 M	1906 M	1910 M	1912 M	1914 M
18. ADJUSTING SCREW LOCK NUT						
416 SS	C-P1/P2 B-P1/P2	1095701		1099001	0427001	
416 SS	C-P3	0427001				
19. CAP						
19A. PACKED LIFTING LEVER ASSEMBLY						
Carbon Steel Only	C-P1/P2 B-P1/P2	0280001			0286001	
RELEASE NUT						
Carbon Steel	C-P1/P2 B-P1/P2	0107601		0121901	0114001	
RELEASE LOCK NUT						
Carbon Steel	C-P1/P2 B-P1/P2	2210102		2210105	2210207	2210107
19B. PLAIN LIFTING LEVER ASSEMBLY						
Carbon Steel Only	C-P1/P2 B-P1/P2	0280301			0286301	
Carbon Steel Only	C-P3	0286301				
RELEASE NUT						
Carbon Steel	C-P1/P2 B-P1/P2	0104801		0121801	0113901	
Carbon Steel	C-P3	0113901				
RELEASE LOCK NUT						
Carbon Steel	C-P1/P2 B-P1/P2	2210102		2210105	2210107	
Carbon Steel	C-P3	2210107				

**Note:** (1) "P3" Design not built for 1914.

(2) Bellows Design not available in "P3".



## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 1900 CONVENTIONAL P1/P2/P3 <sup>(1)</sup> - 1900-30 BELLOWS P1/P2 <sup>(2)</sup>

PART DESCRIPTION	DESIGN	1905 N	1906 N	1910 N	1912 N	1914 N
CLASS I						
1. DISC						
616 SS	C-P1/P2/P3 B-P1/P2	1985101				
2. DISC HOLDER RING						
410 SS	C-P1/P2/P3 B-P1/P2	1985301				
3. DISC HOLDER RING RETAINER						
Carbon Steel Electroless Nickel Plated	C-P1/P2/P3 B-P1/P2	2090919				
4. SPINDLE RETAINER						
Inconel X750	B-P1/P2	None				
5. ADJUSTING RING PIN						
316 SS	C-P1/P2/P3 B-P1/P2	1076416				
6. BELLOWS		SEE SEPARATE BELLOWS SELECTION INTERCHANGEABILITY CHART				
7. GASKETS						
7a. CAP GASKET (For packed cap only)						
Soft Iron	C-P1/P2 B-P1/P2	3630101			3640101	
7b. ADJUSTING RING PIN GASKET						
Soft Iron	C-P1/P2/P3 B-P1/P2	3602505				
7c. BONNET GASKET						
Soft Iron	C-P1/P2 B-P1/P2	3660104				

**Note:** (1) "P3" Design not built for 1914.  
(2) Bellows Design not available in "P3".

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 1900 CONVENTIONAL P1/P2/P3 <sup>(1)</sup> - 1900-30 BELLOWS P1/P2 <sup>(2)</sup>

PART DESCRIPTION	DESIGN	1905 N	1906 N	1910 N	1912 N	1914 N
7D. GUIDE GASKET						
Soft Iron	C-P1/P2	3660104				
Soft Iron	B-P1/P2	3741306				
7E. BELLOWS GASKET						
Soft Iron	B-P1/P2	3590106				
CLASS II						
8. NOZZLE (Raised Face) (3)						
316 SS						
8A. -5 or -T Design 316 SS	C-P1/P2/P3	4681901				
8B. Pre-5 or -T Desgn 316 SS	B-P1/P2	4607801				
9. NOZZLE (Ring Joint) (3)						
316 SS See Note (4)						
9A. -5 or T-Design 316 SS						
9B. Pre -5 or - T Design 316 SS	C-P1/P2/P3	1986001	1986101			1986201
	B-P1/P2	On Appl.	(4607701)			On Appl.
10. DISC HOLDER						
316 SS	C-P1/P2/P3	1985202				
304 SS	B-P1/P2	1985401				
11. SPINDLE ASSEMBLY						
410 SS Head/416 SS Stem	C-P1/P2 B-P1/P2	1986301	1986501	1986701		
410 SS Head/416 SS Stem	C-P3	1986701				
12. BASE STUDS						
B7 Alloy (each)	C-P1/P2 B-P1/P2	3260110	3270101	3270110		
B7 Alloy (each)	C-P3	3260108	3270110			

**Note: (1) "P3" Design not built for 1914.**

**(2) Bellows Design not available in "P3".**

**(5) Contact Factory**

**(3) Bore Size reflects requirements of 1978 ASME Cod Revision. Valves shipped before 1978 may have different bore dimesions.**

**(4) Alternate part number in "()"**.

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 1900 CONVENTIONAL P1/P2/P3 <sup>(1)</sup> - 1900-30 BELLOWS P1/P2 <sup>(2)</sup>

PART DESCRIPTION	DESIGN	1905 N	1906 N	1910 N	1912 N	1914 N
13. BASE STUD NUTS						
GR 2H Steel (each)	C-P1/P2/P3 B-P1/P2	2200205		2200207		
CLASS III						
14. GUIDE						
Alloy 978 Leaded Nickel Bronze See Note (3)	C-P1/P2/P3	4650906 (formerly 5112701)				
Alloy 978 Leaded Nickel Bronze See Note (3)	B-P1/P2	4650906 (formerly 5114201)				
15. ADJUSTING RING						
CF8M SS	C-P1/P2/P3 B-P1/P2	4603201				
16. SPRING		SELECT FROM SPRING CHART				
16A. UPPER SPRING WASHER						
Carbon Steel	C-P1/P2 B-P1/P2	0279601	1097901	0272001		
Carbon Steel	C-P3	1991201				
16B. LOWER SPRING WASHER						
Carbon Steel	C-P1/P2 B-P1/P2	0279601	1097901	0272001		
Carbon Steel	C-P3	0272001				
CLASS IV						
17. ADJUSTING SCREW						
416 SS	C-P1/P2 B-P1/P2	0398401	1098001	0276201		
416 SS	C-P3	0276201				

**Note:** (1) "P3" Design not built for 1914.  
(2) Bellows Design not available in "P3".  
(3) Alternate part number in "( )".

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 1900 CONVENTIONAL P1/P2/P3 <sup>(1)</sup> - 1900-30 BELLOWS P1/P2 <sup>(2)</sup>

PART DESCRIPTION	DESIGN	1905 N	1906 N	1910 N	1912 N	1914 N
18. ADJUSTING SCREW LOCK NUT						
416 SS	C-P1/P2 B-P1/P2	1095701		1099001	0299901	
416 SS	C-P3	0299901				
19. CAP						
19A. PACKED LIFTING LEVER ASSEMBLY						
Carbon Steel Only	C-P1/P2 B-P1/P2	0280001			0286001	
RELEASE NUT						
Carbon Steel	C-P1/P2 B-P1/P2	0107601		0121901	0114001	
RELEASE LOCK NUT						
Carbon Steel	C-P1/P2 B-P1/P2	2210102		2210105	2210107	
19B. PLAIN LIFTING LEVER ASSEMBLY						
Carbon Steel Only	C-P1/P2 B-P1/P2	0280301			0286301	
Carbon Steel Only	C-P3	0286301				
RELEASE NUT						
Carbon Steel	C-P1/P2 B-P1/P2	0104801		0121801	0113901	
Carbon Steel	C-P3	0113901				
RELEASE LOCK NUT						
Carbon Steel	C-P1/P2 B-P1/P2	2210102		2210105	2210107	
Carbon Steel	C-P3	2210107				

Note: (1) "P3" Design not built for 1914.

(2) Bellows Design not available in "P3".

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 1900 CONVENTIONAL P1/P2/P3 <sup>(1)</sup> - 1900-30 BELLOWS P1/P2 <sup>(2)</sup>

PART DESCRIPTION	DESIGN	1905 P	1906 P	1910 P	1912 P	1914 P
CLASS I						
1. DISC						
616 SS	C-P1/P2/P3 B-P1/P2	1975001				
2. DISC HOLDER RING						
410 SS	C-P1/P2/P3 B-P1/P2	1976801				
3. DISC HOLDER RING RETAINER						
Carbon Steel Electroless Nickel Plated	C-P1/P2/P3 B-P1/P2	2090923				
4. SPINDLE RETAINER						
Inconel X750	B-P1/P2	None				
5. ADJUSTING RING PIN						
316 SS	C-P1/P2/P3 B-P1/P2	1077710				
6. BELLOWS	B-P1/P2	SEE SEPARATE BELLOWS SELECTION INTERCHANGEABILITY CHART				
7. GASKETS						
7a. CAP GASKET (For packed cap only)						
Soft Iron	C-P1/P2 B-P1/P2	3630101		3640101		
7b. ADJUSTING RING PIN GASKET						
Soft Iron	C-P1/P2/P3 B-P1/P2	3602505				
7c. BONNET GASKET						
Soft Iron	C-P1/P2 B-P1/P2	3660107			3660108	

**Note:** (1) "P3" Design not built for 1914.  
(2) Bellows Design not available in "P3".

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 1900 CONVENTIONAL P1/P2/P3 <sup>(1)</sup> - 1900-30 BELLOWS P1/P2 <sup>(2)</sup>

PART DESCRIPTION	DESIGN	1905 P	1906 P	1910 P	1912 P	1914 P
7D. GUIDE GASKET						
Soft Iron	C-P1/P2	3660107			3660108	
Soft Iron	B-P1/P2	3741307			3741309	
7E. BELLOWS GASKET						
Soft Iron	B-P1/P2	3590107				
CLASS II						
8. NOZZLE (Raised Face) (3)						
316 SS	C-P1/P2/P3 B-P1/P2					
8A. -5 or -T Design 316 SS		4682501		4682801		
8B. Pre-5 or -T Design 316 SS						
9. NOZZLE (Ring Joint) (3)						
316 SS See Note (4)						
9A. -5 or T-Design 316 SS						
9B. Pre -5 or - T Design 316 SS	C-P1/P2/P3	1976601	1976701	1977001		1977101
	B-P1/P2	On Appl.	On Appl.	(4597101)		On Appl.
10. DISC HOLDER						
316 SS	C-P1/P2/P3	1965502				
304 SS	B-P1/P2	1975901				
11. SPINDLE ASSEMBLY						
410 SS Head/416 SS Stem	C-P1/P2 B-P1/P2	1977701		1977801	1977901	
410 SS Head/416 SS Stem	C-P3	1977901				
12. BASE STUDS						
B7 Alloy (each)	C-P1/P2 B-P1/P2	3260110		3270101	3280103	
B7 Alloy (each)	C-P3	3260108		3270110	3280103	

**Note: (1) "P3" Design not built for 1914.**

**(2) Bellows Design not available in "P3".**

**(5) Contact Factory**

**(3) Bore Size reflects requirements of 1978 ASME Cod Revision. Valves shipped before 1978 may have different bore dimesions.**

**(4) Alternate part number in "( )".**

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 1900 CONVENTIONAL P1/P2/P3 <sup>(1)</sup> - 1900-30 BELLOWS P1/P2 <sup>(2)</sup>

PART DESCRIPTION	DESIGN	1905 P	1906 P	1910 P	1912 P	1914 P
13. BASE STUD NUTS						
GR 2H Steel (each)	C-P1/P2/P3 B-P1/P2	2200205		2200207	2200208	
CLASS III						
14. GUIDE						
Alloy 978 Leaded Nickel Bronze See Note (3)	C-P1/P2/P3	4651014 (formerly 4651007)			5112104 (formerly 5112103)	
Alloy 978 Leaded Nickel Bronze See Note (3)	B-P1/P2	4651014 (formerly 4651007)			5115703 (5115701)	
15. ADJUSTING RING						
CF8M SS	C-P1/P2/P3 B-P1/P2	4603501				
16. SPRING		SELECT FROM SPRING CHART				
16A. UPPER SPRING WASHER						
Carbon Steel	C-P1/P2 B-P1/P2	0273901		0272001	0259701	
Carbon Steel	C-P3	1990301				
16B. LOWER SPRING WASHER						
Carbon Steel	C-P1/P2 B-P1/P2	0273901		0272001	0259701	
Carbon Steel	C-P3	0259701				
CLASS IV						
17. ADJUSTING SCREW						
416 SS	C-P1/P2 B-P1/P2	1098001		0103601	0276201	
416 SS	C-P3	0276201				

**Note:** (1) "P3" Design not built for 1914.  
(2) Bellows Design not available in "P3".  
(4) Alternate part number in "( )".

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 1900 CONVENTIONAL P1/P2/P3 <sup>(1)</sup> - 1900-30 BELLOWS P1/P2 <sup>(2)</sup>

PART DESCRIPTION	DESIGN	1905 P	1906 P	1910 P	1912 P	1914 P
18. ADJUSTING SCREW LOCK NUT						
416 SS	C-P1/P2 B-P1/P2	1099001		0427001	0299901	
416 SS	C-P3	0299901				
19. CAP						
19A. PACKED LIFTING LEVER ASSEMBLY						
Carbon Steel Only	C-P1/P2 B-P1/P2	0280001		0286001		
RELEASE NUT						
Carbon Steel	C-P1/P2 B-P1/P2	0121901		0114001		
RELEASE LOCK NUT						
Carbon Steel	C-P1/P2 B-P1/P2	2210105		2210107		
19B. PLAIN LIFTING LEVER ASSEMBLY						
Carbon Steel Only	C-P1/P2 B-P1/P2	0280301		0286301		
Carbon Steel Only	C-P3	0286301				
RELEASE NUT						
Carbon Steel	C-P1/P2 B-P1/P2	0121801		0113901		
Carbon Steel	C-P3	0113901				
RELEASE LOCK NUT						
Carbon Steel	C-P1/P2 B-P1/P2	2210105		2210107		
Carbon Steel	C-P3	2210107				

**Note:** (1) "P3" Design not built for 1914.

(2) Bellows Design not available in "P3".



## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 1900 CONVENTIONAL P1/P2/P3 - 1900-30 BELLOWS P1/P2 <sup>(1)</sup>

PART DESCRIPTION	DESIGN	1905 Q	1906 Q	1910 Q	1912 Q
CLASS I					
1. DISC					
616 SS	C-P1/P2/P3 B-P1/P2		1952001		
2. DISC HOLDER RING					
410 SS	C-P1/P2/P3 B-P1/P2		1955001		
3. DISC HOLDER RING RETAINER					
Carbon Steel Electroless Nickel Plated	C-P1/P2/P3 B-P1/P2		2090918		
4. SPINDLE RETAINER					
Inconel X750	B-P1/P2		None		
5. ADJUSTING RING PIN					
316 SS	C-P1/P2/P3 B-P1/P2		1077710		
6. BELLOWS	B-P1/P2		SEE SEPARATE BELLOWS SELECTION INTERCHANGEABILITY CHART		
7. GASKETS					
7a. CAP GASKET (For packed cap only)					
Soft Iron	C-P1/P2 B-P1/P2		3640101		
7b. ADJUSTING RING PIN GASKET					
Soft Iron	C-P1/P2/P3 B-P1/P2		3602505		
7c. BONNET GASKET					
Soft Iron	C-P1/P2 B-P1/P2		3670104		

**Note:** (1) Bellows Design not available in "P3".

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 1900 CONVENTIONAL P1/P2/P3 - 1900-30 BELLOWS P1/P2 <sup>(1)</sup>

PART DESCRIPTION	DESIGN	1905 Q	1906 Q	1910 Q	1912 Q
7D. GUIDE GASKET					
Soft Iron	C-P1/P2	3670104			
Soft Iron	B-P1/P2	3670104			
7E. BELLOWS GASKET					
Soft Iron	B-P1/P2	3590108			
CLASS II					
8. NOZZLE (Raised Face) (2)					
316 SS	C-P1/P2/P3 B-P1/P2				
8A. T-Design 316 SS		4683101			
8B. Pre "T" Design 316 SS		1952301			
9. NOZZLE (Ring Joint) (2)					
316 SS					
9A. -5 or T-Design 316 SS					
9B. Pre -5 or - T Design 316 SS	C-P1/P2/P3 B-P1/P2	1954401 On Appl.	1954701		
10. DISC HOLDER					
316 SS	C-P1/P2/P3	1956102			
304 SS	B-P1/P2	1953501			
11. SPINDLE ASSEMBLY					
410 SS Head/416 SS Stem	C-P1/P2 B-P1/P2	1954501		1954801	1954901
410 SS Head/416 SS Stem	C-P3	1988701			
12. BASE STUDS					
B7 Alloy (each)	C-P1/P2 B-P1/P2	3260106		3270108	3280103
B7 Alloy (each)	C-P3	3260108		3270111	3280103

**Note:** (1) Bellows Design not available in "P3".

(2) Bore Size reflects requirements of 1978 ASME Code Revision. Valves shipped before 1978 may have different bore dimensions.

(3) Contact Factory

**SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST**  
**1900 CONVENTIONAL P1/P2/P3 - 1900-30 BELLOWS P1/P2** <sup>(1)</sup>

PART DESCRIPTION	DESIGN	1905 Q	1906 Q	1910 Q	1912 Q
13. BASE STUD NUTS					
GR 2H Steel (each)	C-P1/P2/P3 B-P1/P2	2200205		2200207	2200208
CLASS III					
14. GUIDE					
Alloy 978 Leaded Nickel Bronze See Note (2)	C-P1/P2/P3	4651110 (formerly 4651106)			
Alloy 978 Leaded Nickel Bronze See Note (2)	B-P1/P2	4651110 (formerly 4651106)			
15. ADJUSTING RING					
CF8M SS	C-P1/P2/P3 B-P1/P2	4603801			
16. SPRING		SELECT FROM SPRING CHART			
16A. UPPER SPRING WASHER					
Carbon Steel	C-P1/P2 B-P1/P2	0278601		0103401	0336101
Carbon Steel	C-P3	1988501			
16B. LOWER SPRING WASHER					
Carbon Steel	C-P1/P2 B-P1/P2	0278601		0103401	0336101
Carbon Steel	C-P3	0336101			
CLASS IV					
17. ADJUSTING SCREW					
416 SS	C-P1/P2 B-P1/P2	0154801		0103601	0260301
416 SS	C-P3	0260301			

**Note:** (1) Bellows Design not available in "P3".

(2) Old part numbers will eventually be replaced by the new part numbers shown in ().

(3) Alternate part number in "( )".

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 1900 CONVENTIONAL P1/P2/P3 - 1900-30 BELLOWS P1/P2 <sup>(1)</sup>

PART DESCRIPTION	DESIGN	1905 Q	1906 Q	1910 Q	1912 Q
18. ADJUSTING SCREW LOCK NUT					
416 SS	C-P1/P2 B-P1/P2	1099001		0427001	0259601
416 SS	C-P3	0259601			
19. CAP					
19A. PACKED LIFTING LEVER ASSEMBLY					
Carbon Steel Only	C-P1/P2 B-P1/P2	0286001			
RELEASE NUT					
Carbon Steel	C-P1/P2 B-P1/P2	0152901		0114001	
RELEASE LOCK NUT					
Carbon Steel	C-P1/P2 B-P1/P2	2210105		2210107	
19B. PLAIN LIFTING LEVER ASSEMBLY					
Carbon Steel Only	C-P1/P2/P3 B-P1/P2	0286301			
RELEASE NUT					
Carbon Steel	C-P1/P2 B-P1/P2	0153001		0113901	
Carbon Steel	C-P3	0113901			
RELEASE LOCK NUT					
Carbon Steel	C-P1/P2 B-P1/P2	2210105		2210107	
Carbon Steel	C-P3	2210107			

**Note:** (1) Bellows Design not available in "P3".

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 1900 CONVENTIONAL P1/P2/P3 - 1900-30 BELLOWS P1/P2 <sup>(1)</sup>

PART DESCRIPTION	DESIGN	1905 R	1906 R	1910 R	1912 R
CLASS I					
1. DISC					
616 SS	C-P1/P2/P3 B-P1/P2		1957401		
2. DISC HOLDER RING					
410 SS	C-P1/P2/P3 B-P1/P2		1959801		
3. DISC HOLDER RING RETAINER					
Carbon Steel Electroless Nickel Plated	C-P1/P2/P3 B-P1/P2		2090920		
4. SPINDLE RETAINER					
Inconel X750	B-P1/P2		None		
5. ADJUSTING RING PIN					
316 SS	C-P1/P2/P3 B-P1/P2		1077710		
6. BELLOWS	B-P1/P2		SEE SEPARATE BELLOWS SELECTION INTERCHANGEABILITY CHART		
7. GASKETS					
7a. CAP GASKET (For packed cap only)					
Soft Iron	C-P1/P2 B-P1/P2		3640101		
7b. ADJUSTING RING PIN GASKET					
Soft Iron	C-P1/P2/P3 B-P1/P2		3602505		
7c. BONNET GASKET					
Soft Iron	C-P1/P2 B-P1/P2		3670107		

**Note:** (1) Bellows Design not available in "P3".

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 1900 CONVENTIONAL P1/P2/P3 - 1900-30 BELLOWS P1/P2 <sup>(1)</sup>

PART DESCRIPTION	DESIGN	1905 R	1906 R	1910 R	1912 R
7D. GUIDE GASKET					
Soft Iron	C-P1/P2	3670107			
Soft Iron	B-P1/P2	3741311			
7E. BELLOWS GASKET					
Soft Iron	B-P1/P2	3590109			
CLASS II					
8. NOZZLE (Raised Face) (2)					
316 SS	C-P1/P2/P3 B-P1/P2				
8A. -5 or -T Design 316 SS		4683401			
8B. Pre -5 or -T Design 316 SS		1955401			
9. NOZZLE (Ring Joint) (2)					
316 SS					
9A. -5 or T-Design 316 SS					
9B. Pre -5 or - T Design 316 SS	C-P1/P2/P3 B-P1/P2	1955601 On Appl.	1955901		
10. DISC HOLDER					
316 SS	C-P1/P2/P3	1957103			
304 SS	B-P1/P2	1957301			
11. SPINDLE ASSEMBLY					
410 SS Head/416 SS Stem	C-P1/P2 B-P1/P2	1956701		1957001	1958001
410 SS Head/416 SS Stem	C-P3	1958001			
12. BASE STUDS					
B7 Alloy (each)	C-P1/P2/P3 B-P1/P2	3260106			3270108
13. BASE STUD NUTS					
GR 2H Steel (each)	C-P1/P2/P3 B-P1/P2	2200205			2200207

**Note: (1) Bellows Design not available in "P3".**

**(3) Contact Factory**

**(2) Bore Size reflects requirements of 1978 ASME Code Revision. Valves shipped before 1978 may have different bore dimensions.**

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 1900 CONVENTIONAL P1/P2/P3 - 1900-30 BELLOWS P1/P2 <sup>(1)</sup>

PART DESCRIPTION	DESIGN	1905 R	1906 R	1910 R	1912 R
CLASS III					
14. GUIDE					
Alloy 978 Leaded Nickel Bronze See Note (2)	C-P1/P2/P3	4651210 (formerly 5111805)			
Alloy 978 Leaded Nickel Bronze	B-P1/P2	4651210 ( Formerly 4651206)			
15. ADJUSTING RING					
CF8M SS	C-P1/P2/P3 B-P1/P2	4604101			
16. SPRING		SELECT FROM SPRING CHART			
16A. UPPER SPRING WASHER					
Carbon Steel	C-P1/P2 B-P1/P2	0278601		0259701	
Carbon Steel	C-P3	1989501			
16B. LOWER SPRING WASHER					
Carbon Steel	C-P1/P2 B-P1/P2	0278601		0259701	
Carbon Steel	C-P3	0259701			
CLASS IV					
17. ADJUSTING SCREW					
416 SS	C-P1/P2 B-P1/P2	0154801		0103601	
416 SS	C-P3	0103601			
18. ADJUSTING SCREW LOCK NUT					
416 SS	C-P1/P2 B-P1/P2	1099001		0427001	
416 SS	C-P3	0427001			

**Note:** (1) Bellows Design not available in "P3"

(2) Old part numbers will eventually be replaced by the new part numbers shown in ().

(3) Alternate part number in "( )".

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 1900 CONVENTIONAL P1/P2/P3 - 1900-30 BELLOWS P1/P2 <sup>(1)</sup>

PART DESCRIPTION	DESIGN	1905 R	1906 R	1910 R	1912 R
19. CAP					
19A. PACKED LIFTING LEVER ASSEMBLY					
Carbon Steel Only	C-P1/P2 B-P1/P2	0286001			
RELEASE NUT					
Carbon Steel	C-P1/P2 B-P1/P2	0152901		0114001	
RELEASE LOCK NUT					
Carbon Steel	C-P1/P2 B-P1/P2	2210105		2210107	
19B. PLAIN LIFTING LEVER ASSEMBLY					
Carbon Steel Only	C-P1/P2/P3 B-P1/P2	0286301			
RELEASE NUT					
Carbon Steel	C-P1/P2 B-P1/P2	0153001		0113901	
Carbon Steel	C-P3	0113901			
RELEASE LOCK NUT					
Carbon Steel	C-P1/P2 B-P1/P2	2210105		2210107	
Carbon Steel	C-P3	2210107			

**Note:** (1) Bellows Design not available in "P3".



## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 1900 CONVENTIONAL P1/P2/P3 - 1900-30 BELLOWS P1/P2 <sup>(1)</sup>

PART DESCRIPTION	DESIGN	1905 T	1906 T	1910 T	1912 T
CLASS I					
1. DISC					
616 SS	C-P1/P2/P3 B-P1/P2		1979201		
2. DISC HOLDER RING					
410 SS	C-P1/P2/P3 B-P1/P2		1979301		
3. DISC HOLDER RING RETAINER					
Carbon Steel Electroless Nickel Plated	C-P1/P2/P3 B-P1/P2		2090926		
4. SPINDLE RETAINER					
Inconel X750	B-P1/P2		None		
5. ADJUSTING RING PIN					
316 SS	C-P1/P2/P3 B-P1/P2		4942401		
6. BELLOWS	B-P1/P2		SEE SEPARATE BELLOWS SELECTION INTERCHANGEABILITY CHART		
7. GASKETS					
7a. CAP GASKET (For packed cap only)					
Soft Iron	C-P1/P2 B-P1/P2		3640101		
7b. ADJUSTING RING PIN GASKET					
Soft Iron	C-P1/P2/P3 B-P1/P2		3602505		
7c. BONNET GASKET					
Soft Iron	C-P1/P2 B-P1/P2		3670108		

**Note:** (1) Bellows Design not available in "P3".

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 1900 CONVENTIONAL P1/P2/P3 - 1900-30 BELLOWS P1/P2 <sup>(1)</sup>

PART DESCRIPTION	DESIGN	1905 T	1906 T	1910 T	1912 T
7D. GUIDE GASKET					
Soft Iron	C-P1/P2	3670108			
Soft Iron	B-P1/P2	3741313			
7E. BELLOWS GASKET					
Soft Iron	B-P1/P2	3590110			
CLASS II					
8. NOZZLE (Raised Face) (2)					
316 SS	C-P1/P2/P3 B-P1/P2	4683701			
8A. -5 or -T Design 316 SS		4683701			
8B. Pre -5 or -T Design 316 SS		1978101			
9. NOZZLE (Ring Joint) (2)					
316 SS					
9A. -5 or T-Design 316 SS					
9B. Pre -5 or - T Design 316 SS	C-P1/P2/P3 B-P1/P2	1978201	1978301		
		On Appl.			
10. DISC HOLDER					
316 SS	C-P1/P2/P3	1979504			
304 SS	B-P1/P2	1979601			
11. SPINDLE ASSEMBLY					
410 SS Head/416 SS Stem	C-P1/P2 B-P1/P2	1979801		1979901	1989301
410 SS Head/416 SS Stem	C-P3	1989301			
12. BASE STUDS					
B7 Alloy (each)	C-P1/P2	3270101		3270110	
B7 Alloy (each)	C-P3	3270110			

Note: (1) Bellows Design not available in "P3".

(3) Contact Factory

(2) Bore Size reflects requirements of 1978 ASME Code Revision. Valves shipped before 1978 may have different bore dimensions.

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 1900 CONVENTIONAL P1/P2/P3 - 1900-30 BELLOWS P1/P2 <sup>(1)</sup>

PART DESCRIPTION	DESIGN	1905 T	1906 T	1910 T	1912 T
13. BASE STUD NUTS					
GR 2H Steel (each)	C-P1/P2/P3 B-P1/P2	2200207			
CLASS III					
14. GUIDE					
Alloy 978 Leaded Nickel Bronze (2)	C-P1/P2/P3	4651309 (formerly 5112403)			
Alloy 978 Leaded Nickel Bronze (2)	B-P1/P2	4651307 (formerly 5113901)			
15. ADJUSTING RING					
CF8M SS	C-P1/P2/P3 B-P1/P2	4604401			
16. SPRING		SELECT FROM SPRING CHART			
16A. UPPER SPRING WASHER					
Carbon Steel	C-P1/P2 B-P1/P2	0427301		0103401	0336101
Carbon Steel	C-P3	1990201			
16B. LOWER SPRING WASHER					
Carbon Steel	C-P1/P2 B-P1/P2	0427301		0103401	0336101
Carbon Steel	C-P3	0336101			
CLASS IV					
17. ADJUSTING SCREW					
416 SS	C-P1/P2 B-P1/P2	0428101			0260301
416 SS	C-P3	0260301			

Note: (1) Bellows Design not available in "P3".

(2) Old part numbers will eventually be replaced by the new part numbers shown in ().

(3) Alternate part number in "( )".

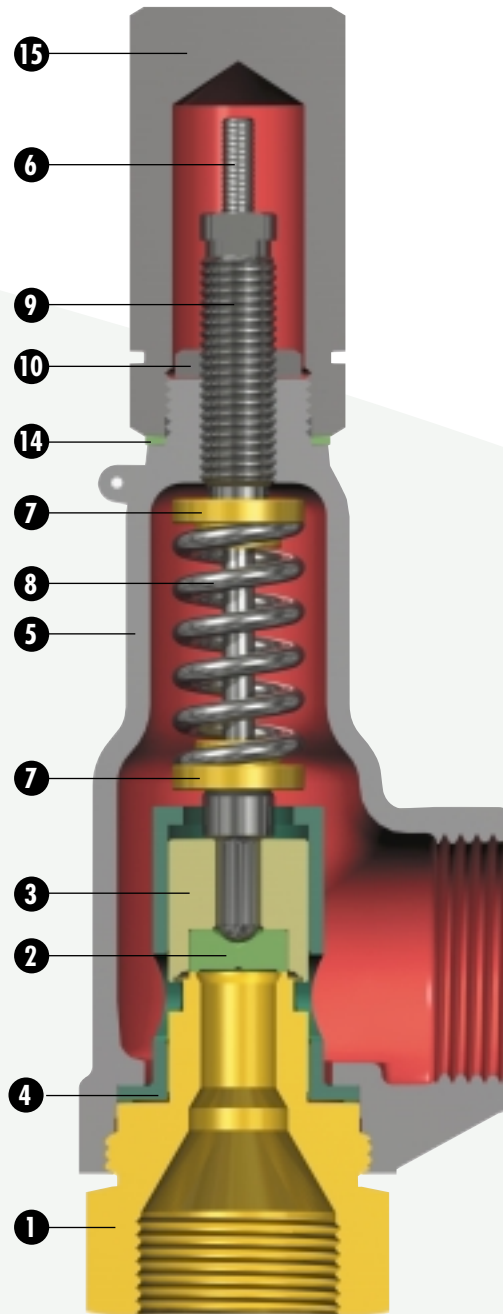
## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 1900 CONVENTIONAL P1/P2/P3 - 1900-30 BELLOWS P1/P2 <sup>(1)</sup>

PART DESCRIPTION	DESIGN	1905 T	1906 T	1910 T	1912 T
CLASS IV					
18. ADJUSTING SCREW LOCK NUT					
416 SS	C-P1/P2/P3 B-P1/P2		0427001		0259601
416 SS	C-P3		0259601		
19. CAP					
19A. PACKED LIFTING LEVER ASSEMBLY					
Carbon Steel Only	C-P1/P2 B-P1/P2		0431401		
RELEASE NUT					
Carbon Steel	C-P1/P2 B-P1/P2		0114001		
RELEASE LOCK NUT					
Carbon Steel	C-P1/P2 B-P1/P2		2210107		
19B. PLAIN LIFTING LEVER ASSEMBLY					
Carbon Steel Only	C-P1/P2/P3 B-P1/P2		0431301		
RELEASE NUT					
Carbon Steel	C-P1/P2/P3 B-P1/P2		0113901		
RELEASE LOCK NUT					
Carbon Steel	C-P1/P2/P3 B-P1/P2		2210107		

**Note:** (1) Bellows Design not available in "P3".

## Materials



**19000-2**

### Threaded End Connection

Extension, flange and nipples for flanged and socket-weld connections are not shown.

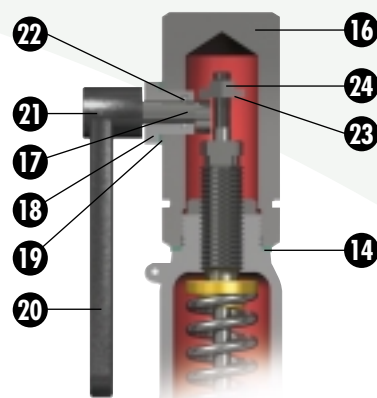
# Materials

	Part	Material
1	Base L & M	316SS
	Base H	316 SS/Stellite Hardfaced Seat
2	Disc L & M	316SS
	Disc L & M (Steam)*	616SS
	Disc H	Inconel X750
3	Disc Holder	316SS
4	Guide	316SS
5	Bonnet	SA216 WCC Carbon Steel (phosphated)
6	Spindle L & M	316SS
	Spindle H	Inconel X750
7	Spring Washer	Carbon Steel (phosphated)
8	Spring 19000c	17-7 PH SS
	Spring 19000t	Inconel X750
9	Adjusting Screw	316SS
10	Adjusting Screw Locknut	316SS
11	Gag Bolt	Carbon Steel
12	Sealing Plug	Carbon Steel
13	Sealing Plug Gasket	Soft Iron
14	Cap Gasket	Soft Iron
15	Screwed Cap	Carbon Steel (phosphated)
16	Packed Cap	Carbon Steel (phosphated)
17	Cam Shaft	410SS
18	Bushing	416SS
19	Bushing Gasket	Soft Iron
20	Lever (Packed)	Malleable Iron
21	Drive Pin	Steel (Ni-Plated)
22	O-Ring	Viton 70
23	Release Nut	Carbon Steel
24	Release Lock Nut	Carbon Steel
25	Plain Lever Cap	Malleable Iron
26	Lifting Lever (Plain)	Malleable Iron
27	Cap Screw	Carbon Steel
28	Lever Pin	Carbon Steel

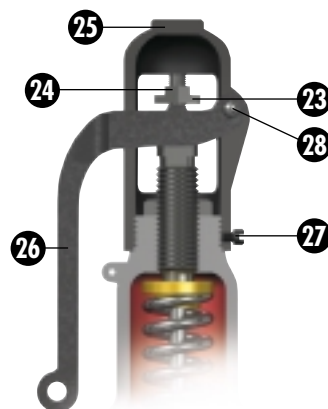
\* Supplied for steam service above 251°F (121.7°C)

## Sour Gas (SG) or NACE applications

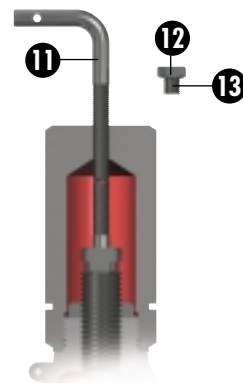
The 19000 valve materials are standard except for the spring, which will be Inconel X750, and for service temperatures that exceed 250°F, an Inconel X750 disc will be provided.



**Packed Lever**



**Plain Lever**



**Cap with Gag**

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***XIX. Recommended Spare Parts  
For Series 19000  
Safety Relief Valves***

**TABLE XIV. A.  
METAL TO METAL SEAT VALVES**

<b>CLASS</b>	<b>PART NAME</b>	<b>Qty. Parts/Size, Type &amp; Material Valves in Service</b>	<b>Need Coverage Probability</b>
I	Disc Gaskets, Cap	1/1 1/1	70%
II	Disc Holder Spindle Guide	1/5 1/5 1/5	85%
III	Spring Assembly Compression Screw	1/5* 1/5	95%
IV	Compression Screw Locknut Cap (Specify Screwed, Packed, Plain) Release Nut (Used on Packed or Plain Lever Only) Release Locknut (Used on Packed or Plain Lever Only)	1/5 1/5 1/5 1/5	99%

- \* Consult Spring Selection Chart before ordering Springs to determine actual quantities required in view of pressure setting potential in each spring range.

**YOUR SAFETY IS OUR BUSINESS!!!**

DVD has not authorized any company or any individual to manufacture replacement parts for its valve products.

When ordering replacement valve parts, please specify in your purchase order: "ALL PARTS MUST BE DOCUMENTED AS NEW AND SOURCED FROM DRESSER VALVE DIVISION."

**BE SURE! BE SURE!**

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 19000-2 SERIES SRV (Metal Seat)

for -1 Metal Seat Design See Section 13

for -1 Soft Seat Design See Section 5(b)

LOW PRESSURE DESIGN - METAL SEAT						
PART DESCRIPTION	19096L	19110L	19126L	19226L	19357L	19567L
CLASS I						
1. DISC						
316 SS	5054501		5054601	5054701	5054801	5054901
616SS	5054506		5054606	5054706	5054806	5054906
Inconel	5054505		5054605	5054705	5054805	5054905
Monel						
Hastelloy - C						
2. CAP GASKET						
SOFT IRON	3610103				3620101	
Monel	3610503				3620501	
CLASS II						
3. DISC HOLDER						
316 SS	5055101		5055201	5055301	5055401	5055501
Monel						
Hastelloy - C						
4. SPINDLE						
316 SS	5055601			5055701	5055801	
Monel						
Hastelloy - C						
5. GUIDE						
316 SS	4837201	4837401			4837601	4837801
Monel						
Hastelloy - C						



## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 19000-2 SERIES SRV (Metal Seat)

for -1 Metal Seat Design See Section 13

for -1 Soft Seat Design See Section 5(b)

LOW PRESSURE DESIGN - METAL SEAT						
PART DESCRIPTION	19096L	19110L	19126L	19226L	19357L	19567L
CLASS III						
6. SPRING	SELECT FROM SPRING CHART					
6A. SPRING WASHER						
CARBON STEEL (qty 2)	4842501			4842601	4842701	
316ss						
Monel						
Hastelloy - C						
7. ADJUSTING SCREW						
316 SS	5009801				4466202	
Monel						
Hastelloy - C						
8. BASE						
8A. BASE - MNPT						
316 SS	4838201	4838601				
1/2 * 1	5056001	5056101				
3/4 * 1	5059101	5058201	5056201			
1 * 1	5059201	5058301	5059301	5056301		
Monel						
Hastelloy - C						
8B. BASE - FNPT						
316 SS	5058601	5059001	5058701	5058801	5056401	5056501
Monel						
Hastelloy - C						
8C. BASE - SW						
316 SS				5061201	5061301	5061401
1/2 * 1	5060401	5060701				
3/4 * 1	5060501	5060801	5061001			
1 * 1	5060601	5060901	5061101			
Monel						
Hastelloy - C						

LOW PRESSURE DESIGN - METAL SEAT						
PART DESCRIPTION	19096L	19110L	19126L	19226L	19357L	19567L
8D. BASE - 150# R.F.						
316 SS*				5064101	5064201	5064301
1/2 * 1	5063301	5063601				
3/4 * 1	5063401	5063701	5063901			
1 * 1	5063501	5063801	5064001			
316 BASE / EXT / FLANGES						
1/2 * 1	5063302					
3/4 * 1	5063402					
1 * 1	5063502					
Monel						
1/2 * 1						
3/4 * 1						
1 * 1						
Hastelloy - C						
1/2 * 1						
3/4 * 1						
1 * 1						
* 316 SS BASE & EXTENSION W/CARBON STEEL FLANGE						

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 19000-2 SERIES SRV (Metal Seat)

for -1 Metal Seat Design See Section 13

for -1 Soft Seat Design See Section 5(b)

LOW PRESSURE DESIGN - METAL SEAT						
PART DESCRIPTION	19096L	19110L	19126L	19226L	19357L	19567L
CLASS IV						
9. ADJ. SCREW LOCK NUT						
316 SS	0554703	0554703	0554703	0554703	1077105	1077105
Monel						
Hastelloy - C						
10. CAPS & LEVERS						
10A. CAP-SCREWED						
CARBON STEEL	4808901				4039111	
316SS						
Monel						
Hastelloy - C						
10B. CAP-PLAIN LEVER Assembly						
CARBON STEEL	4890601				0343601	
316SS						
Monel						
Hastelloy - C						
10C. CAP-PACKED LEVER ASSEMBLY						
CARBON STEEL	4890801				4514601	
10D. RELEASE NUT-PLAIN						
CARBON STEEL	1050701				4466101	
10E. RELEASE NUT-PACKED						
CARBON STEEL	4810101				4466101	
316						
Monel						
Hastelloy - C						
10F. REL. L/NUT - PKD & PLN						
CARBON STEEL	2210110				2210103	
316 SS						
Monel						
Hastelloy - C						

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 19000-2 SERIES SRV (Metal Seat)

for -1 Metal Seat Design See Section 13

for -1 Soft Seat Design See Section 5(b)

MEDIUM PRESSURE DESIGN - METAL SEAT						
PART DESCRIPTION	19096M	19110M	19126M	19226M	19357M	19567M
CLASS I						
1. DISC						
316 SS	5054501		5054601	5054701	5054801	5054901
616SS	5054506		5054606	5054706	5054806	5054906
Inconel	5054505		5054605	5054705	5054805	5054905
Monel						
Hastelloy - C						
2. CAP GASKET						
SOFT IRON	3610103			3620101		
Monel	3610503			3620501		
CLASS II						
3. DISC HOLDER						
316 SS	5055101		5055201	5055301	5055401	5055501
Monel						
Hastelloy - C						
4. SPINDLE						
316 SS	5092501		5092501	5093001	5093201	5093201
Monel						
Hastelloy - C						
5. GUIDE						
316 SS	4839301		4961101	4961601	4961801	4961901
Monel						
Hastelloy - C						

for -1 Metal Seat Design See Section 13

for -1 Soft Seat Design See Section 5(b)

MEDIUM PRESSURE DESIGN - METAL SEAT						
PART DESCRIPTION	19096M	19110M	19126M	19226M	19357M	19567M
CLASS III						
6. SPRING	SELECT FROM SPRING CHART					
6A. SPRING WASHER						
CARBON STEEL(QTY 2)	4842201		4842201	4890401		4842401
316 ss						
Monel						
Hastelloy - C						
7. ADJUSTING SCREW						
316 SS	4842001				4466202	
Monel						
Hastelloy - C						
8. BASE						
8A. BASE - MNPT						
316 SS						
1/2 * 1	6000701	6001301				
3/4 * 1	5092401	5092701	5092801			
1 * 1	6001101	6001701	6002101	6002301		
Monel						
1/2 * 1						
3/4 * 1						
1 * 1						
Hastelloy - C						
1/2 * 1						
3/4 * 1						
1 * 1						
8B. BASE - FNPT						
316 SS	6000901	6001501	6001901	5092901	5093101	5093301
Monel						
Hastelloy - C						

**All quantities are one except as noted in ( ).**

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 19000-2 SERIES SRV (Metal Seat)

for -1 Metal Seat Design See Section 13

for -1 Soft Seat Design See Section 5(b)

MEDIUM PRESSURE DESIGN - METAL SEAT						
PART DESCRIPTION	19096M	19110M	19126M	19226M	19357M	19567M
8C. BASE - SW						
316 SS				6002401	6002501	6002601
1/2 * 1	6000801	6001401				
3/4 * 1	6001001	6001601	6002001			
1 * 1	6001201	6001801	6002201			
Monel						
1/2 * 1						
3/4 * 1						
1 * 1						
Hastelloy - C						
1/2 * 1						
3/4 * 1						
1 * 1						
8D. BASE - 300# R.F.						
*316 SS BASE & EXTENSION W/CARBON STEEL FLANGE				6056601	5044701	5065401
3/4 * 1	6023001	6022502	6026901			
1 * 1	6022901	6027001	6023301			
316 SS BASE / EXTENSION / FLANGE						
3/4 * 1		6022501				
1 * 1		6027002				
Monel						
3/4 * 1						
1 * 1						
Hastelloy - C						
3/4 * 1						
1 * 1						

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 19000-2 SERIES SRV (Metal Seat)

for -1 Metal Seat Design See Section 13

for -1 Soft Seat Design See Section 5(b)

MEDIUM PRESSURE DESIGN - METAL SEAT						
PART DESCRIPTION	19096M	19110M	19126M	19226M	19357M	19567M
8E. BASE - 600# R.F.						
*316 SS BASE & EXTENSION W/CARBON STEEL FLANGE				TBA	TBA	TBA
3/4 * 1	6023001	6022502		TBA	TBA	TBA
1 * 1	6022901	TBA	6023301			
316 SS BASE / EXTENSION / FLANGE						
3/4 * 1						
1 * 1						
Monel						
3/4 * 1						
1 * 1						
Hastelloy - C						
3/4 * 1						
1 * 1						
8F. BASE - 900# R.F.						
*316 SS BASE & EXTENSION W/CARBON STEEL FLANGE						
3/4 * 1						
1 * 1						
316 SS BASE / EXTENSION / FLANGE						
3/4 * 1						
1 * 1						
Monel						
Hastelloy - C						
8G. BASE - 1500# R.F.						
*316 SS BASE & EXTENSION W/CARBON STEEL FLANGE				TBA	TBA	TBA
3/4 * 1	TBA	TBA	TBA			
1 * 1	TBA	TBA	TBA			
316 SS BASE / EXTENSION / FLANGE						
3/4 * 1						
1 * 1						
Monel						
Hastelloy - C						

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 19000-2 SERIES SRV (Metal Seat)

for -1 Metal Seat Design See Section 13

for -1 Soft Seat Design See Section 5(b)

MEDIUM PRESSURE DESIGN - METAL SEAT						
PART DESCRIPTION	19096M	19110M	19126M	19226M	19357M	19567M
CLASS IV						
9. ADJ. SCREW LOCK NUT						
316 SS	4834101				1077105	
Monel						
Hastelloy - C						
10. CAPS & LEVERS						
10A. CAP-SCREWED						
CARBON STEEL	4808901				4039111	
316SS						
Monel						
Hastelloy - C						
10B. CAP-PLAIN LEVER						
CARBON STEEL	4890601				0343601	
10C. CAP-PACKED LEVER						
CARBON STEEL	4890801				4514601	
10D. RELEASE NUT-PLAIN						
CARBON STEEL	1050701				4466101	
10E. RELEASE NUT-PACKED						
CARBON STEEL	4810101				4466101	
316SS						
Monel						
Hastelloy - C						
10F. REL. L/NUT - PKD & PLN						
CARBON STEEL	2210110				2210103	
316SS						
Monel						
Hastelloy - C						



## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 19000-2 SERIES SRV (Metal Seat)

for -1 Metal Seat Design See Section 13

for -1 Soft Seat Design See Section 5(b)

HIGH PRESSURE DESIGN - METAL SEAT						
PART DESCRIPTION	3/4 x 1-19096H	3/4 x 1 19110H	3/4 x 1-19126H	1 x 1 1/2-19226H		
CLASS I						
1. DISC						
Inconel X-750	5097301		5097901	5098301		
Monel						
Hastelloy - C						
2. CAP GASKET						
SOFT IRON	3610103		3620101			
Monel	3610503		3620501			
CLASS II						
3. DISC HOLDER						
Inconel X-750	5097501		5098101	5098501		
Monel						
Hastelloy - C						
4. SPINDLE						
Inconel X-750	5097401		5098001	5098001		
Monel						
Hastelloy - C						
5. GUIDE						
316 SS	4838701		4961401	4961501		
CLASS III						
6. SPRING	SELECT FROM SPRING CHART					
6A. SPRING WASHER						
CARBON STEEL (2)	4890401		4890501			
Monel						
Hastelloy - C						
7. ADJUSTING SCREW						
316 SS	4842001		0269703			
Monel						
Hastelloy - C						

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 19000-2 SERIES SRV (Metal Seat)

for -1 Metal Seat Design See Section 13

for -1 Soft Seat Design See Section 5(b)

HIGH PRESSURE DESIGN - METAL SEAT						
PART DESCRIPTION	3/4 x 1-19096H	3/4 x 1 19110H	3/4 x 1-19126H	1 x 1 1/2-19226H		
8. BASE						
8A. BASE - FNPT						
316 SS W/STELLITE SEAT	5097601	5097701	5098201	5098601		
Monel						
Hastelloy - C						
8B. BASE - SW						
316 SS W/STELLITE SEAT	6003301	6003401	6003501	6003601		
Monel						
Hastelloy - C						
8C. BASE - 1500# R.F.						
316 SS W/STELLITE SEAT *	TBA	TBA	TBA	TBA		
* 316 SS BASE & EXTENSION W/CARBON STEEL FLANGE						
W/ SS FLANGE						
Monel						
Hastelloy - C						
8D. BASE - 2500# R.F.						
316 SS W/STELLITE SEAT *	TBA	TBA	TBA	TBA		
* 316 SS BASE & EXTENSION W/CARBON STEEL FLANGE						
W/ SS FLANGE						
Monel						
Hastelloy - C						

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 19000-2 SERIES SRV (Metal Seat)

for -1 Metal Seat Design See Section 13

for -1 Soft Seat Design See Section 5(b)

HIGH PRESSURE DESIGN - METAL SEAT						
PART DESCRIPTION	3/4 x 1-19096H	3/4 x 1 19110H	3/4 x 1-19126H	1 x 1 1/2-19226H		
CLASS IV						
9. ADJ. SCREW LOCK NUT						
316 SS	4834101		0263103			
Monel						
Hastelloy - C						
10. CAPS & LEVERS						
10A.CAP-SCREWED						
CARBON STEEL	4808901		4039111			
316SS						
Monel						
Hastelloy - C						
10B.CAP-PLAIN LEVER						
CARBON STEEL	4890601		0343601			
10C.CAP-PACKED LEVER						
CARBON STEEL	4890801		4514601			
10D. RELEASE NUT-PLAIN						
CARBON STEEL	1050701		4466101			
10E. RELEASE NUT-PACKED						
CARBON STEEL	4810101		4466101			
10F. REL. L/NUT - PKD & PLN						
CARBON STEEL	2210110		2210103			
316SS						
Monel						
Hastelloy - C						

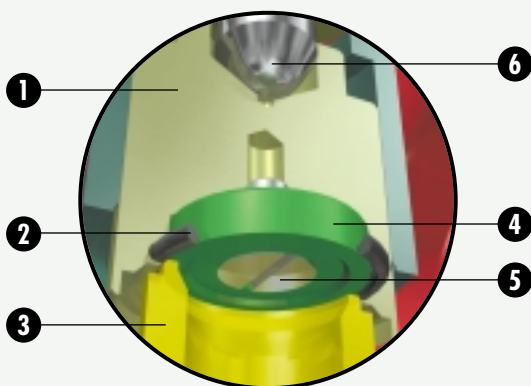
## 19000 Soft Seats (DA)

### Tightness

CONSOLIDATED O-Ring seat valves are bubble tight at **97%** of set pressures over 100 psig.

Percent of set pressure (popping pressure) at which valve will be bubble tight on air.	
Set Pressure (psig)	Percent of Set Pressure
5 to 30	90%
31 to 50	92%
51 to 100	94%
101 to Max rating of valve	<b>97%</b>

CONSOLIDATED O-Ring seat seals provide positive seat tightness at service pressures closer to the set pressure than is possible with metal-to-metal seats assuring continuous, trouble-free service, and complete valve closure after numerous "pops".



**Soft Seat Material  
Temperature Limits (°F)**

Material	Temperature Limits (°F)
Nitrile	-45 to +350°
Ethylene/Propylene	-70 to +500°
Fluoro-Carbon	-15 to +400°
Fluoro-Silicone	-100 to +350°
Neoprene	-45 to +300°
Silicone	-65 to +437°
Teflon	-300 to +505°

NOTE: Contact factory for other O-Ring materials and the respective temperature limitations.

### Applications

The O-Ring design can be used for improved product performance in the same manner as that stated for the 1900 Flanged Series.

### Features

- Leak tight seats
- Tight seats at high operating pressures
- Simple replacement of soft seat
- Large selection of soft seat materials
- Soft seats are in standard O-Ring sizes
- Proven seat design

### Benefits

- Potential loss of system pressure and process media reduced
- Maximizes process efficiency and product output
- Reduces maintenance costs
- Suitable for varied process applications
- Replacement seats readily available
- Dependable performance

	Part	Material
1	Disc Holder 19000L	316SS
	Disc Holder 19000M & H	Inconel X750
2	O-Ring Seat Seal	Select
3	Base	316SS
4	O-Ring Retainer 19000L & M	316SS
	O-Ring Retainer 19000H	Inconel X750
5	Retainer Lockscrew	316SS
6	Spindle 19000L	316SS
	Spindle 19000M & H	Inconel X750

### Sour Gas (SG) or NACE applications

The 19000(DA) valve materials are standard except for the spring which will be Inconel X750.

**SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST****19000-1 SERIES SRV (O Ring Seat)**

for -1 Metal Seat Design See Section 13

for -2 Metal Seat Design See Section 5(a)

Inventory Stocking Philosophy				
CLASS	PART NAME	Qty., Parts/Size, Type & Material Valves in Service		Need Coverage Probability
I	Oring Set Oring Retainer Retainer Lock Screw Gaskets	1/1		70%
II	Disc Holder Spindle Guide	1/5		85%
III	Spring Assembly Compression Screw	1/5		95%
IV	Compression Screw LockNut Cap Release Nut Release Locknut	1/5		99%

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 19000 SERIES SRV O Ring

#### -1 DESIGN

FOR 2-Metal Seat DESIGN SEE SECTION 5 (a)

For - 1 Metal Seat See Section 13

LOW PRESSURE DESIGN - SOFT SEAT (FOR PARTS NOT LISTED SEE METAL SEAT DESIGN)							
PART DESCRIPTION	1/2 x 1-19096L	3/4 x 1-19096L	1 x 1-19096L		1/2 x 1-19110L	3/4 x 1-19110L	1 x 1-19110L
CLASS I							
1. O RING RETAINER							
316 SS	4871401				4871401		
1A. RETAINER LOCK SCREW							
316 SS	2420513				2420513		
1B. O RING see pg 7 for mat'l code	310**013				310**013		
CLASS II							
2. DISC HOLDER							
316 SS	4870901				4870901		
4. SPINDLE							
316 SS	4840901				4840901		
CLASS III							
8. BASE							
8A. BASE - MNPT							
316 SS - NON LIQUID SERVICE	4872101	4872201	4872301		6005501	5060101	6005801
Liquid Service	4896201	4896301	4896401				
8B. BASE - FNPT							
316 SS - NON LIQUID SERVICE	N/A	4832201	N/A		N/A	6005901	N/A
Liquid Service		4896101					
8C. BASE - SW							
316 SS - NON LIQUID SERVICE	4935401	4935501	4935601		6006001	6006101	6006201
Liquid Service	4937401	4937501	4937601				
8D. BASE - 150# R.F.							
316 SS*	5042301	5033001	5035403			6038701	6048904
8E. BASE - 300# R.F.							
316 SS*	5043001	5033101	5043101			6019101	6050001

\* 316 SS BASE & EXTENSION W/CARBON STEEL FLANGE

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 19000 SERIES SRV O Ring

#### -1 DESIGN

FOR 2-Metal Seat DESIGN SEE SECTION 5 (a)

For - 1 Metal Seat See Section 13

LOW PRESSURE DESIGN - SOFT SEAT (FOR PARTS NOT LISTED SEE METAL SEAT DESIGN)								
PART DESCRIPTION	3/4 x 1-19126L	1 x 1-19126L	1 x 1 1/2-19226L	1 1/2 x 2-19357L	2 x 2 1/2-19567L			
CLASS I								
1. O RING RETAINER								
316 SS	4871501	4871501	4871601	4871701	4871801			
1A. RETAINER LOCK SCREW								
316 SS	2420513	2420513	2420502	2420501	2420501			
1B. O RING see pg 7 for mat'l code	301**014	301**014	310**017	310**118	310**121			
CLASS II								
2. DISC HOLDER								
316 SS	4871001	4871001	4871101	4871201	4871301			
4. SPINDLE								
316 SS	4840901		4841101	4841301	4841301			
CLASS III								
8. BASE								
8A. BASE - MNPT								
316 SS - NON LIQUID SERVICE	4872701	4873401	4873501	N/A	N/A			
Liquid Service	4896601	4896701	4896901	N/A				
8B. BASE - FNPT								
316 SS - NON LIQUID SERVICE	4832301	N/A	4873601	4873701	N/A			
Liquid Service	4896501	N/A	4896801	4897001				
8C. BASE - SW								
316 SS - NON LIQUID SERVICE	4935701	4935801	4936101	4998301	N/A			
Liquid Service	4937701	4937801	4937901	4938001				
8D. BASE - 150# R.F.								
316 SS*	5050201	5042501	5042701	5042801	5042901			
8E. BASE - 300# R.F.								
316 SS*	5043201	5043301	5043401	5043501	5043601			

\* 316 SS BASE & EXTENSION W/CARBON STEEL FLANGE

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 19000 SERIES SRV O Ring

-1 DESIGN

FOR 2-Metal Seat DESIGN SEE SECTION 5 (a)

For - 1 Metal Seat See Section 13

MEDIUM PRESSURE DESIGN - METAL SEAT							
PART DESCRIPTION	1/2 x 1-19096M	3/4 x 1-19096M	1 x 1-19096M		1/2 x 1-19110M	3/4 x 1-19110M	1 x 1-19110M
CLASS I							
1. O RING RETAINER							
316 SS	4871401				4871401		
1A. RETAINER LOCK SCREW							
316 SS	2420513				2420513		
1B. O RING see pg 7 for mat'l code	310**013				310**013		
CLASS II							
3. DISC HOLDER							
Inconel X-750	4840305				4840305		
4. SPINDLE							
Inconel X-750	4840405				4840405		
5. GUIDE							
316 SS	4839301				4839301		
CLASS III							
8. BASE							
8A. BASE - MNPT							
316 SS	4832401	4832501	4832601		6002701	5092601	6003101
8B. BASE - FNPT							
316 SS	N/A	4832001	N/A			6002901	
8C. BASE - SW							
316 SS	4998501	4998601	4998801		6002801	6003001	6003201
8D. BASE - 300# & 600# R.F.							
316 SS *	5043701	5037401	5041901		6049801	6030301	6049701
8. BASE - 900# & 1500# R.F.							
316 SS *	5044901	5045101	5045201				

All quantities are one except as noted in ( ).



## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 19000 SERIES SRV O Ring

#### -1 DESIGN

FOR 2-Metal Seat DESIGN SEE SECTION 5 (a)

For - 1 Metal Seat See Section 13

#### MEDIUM PRESSURE DESIGN

PART DESCRIPTION	3/4 x 1-19126M	1 x 1-19126M	1 x 1 1/2-19226M	1 1/2 x 2-19357M	2 x 2 1/2-19567M
CLASS I					
1. O RING RETAINER					
316 SS	4871501		4871601	4871701	4871801
1A. RETAINER LOCK SCREW					
316 SS	2420513		2420502	2420501	
1B. O RING see pg 7 for mat'l code	310**014		310**017	310**118	310**121
CLASS II					
3. DISC HOLDER					
Inconel X-750	4840705		4840805	4840505	4840605
4. SPINDLE					
Inconel X-750	4840405		4841005	4842105	
5. GUIDE					
316 SS	4961101		5004101	5003901	5003801
CLASS III					
8. BASE					
8A. BASE - MNPT					
316 SS	4832801	4833001	4833101	N/A	N/A
8B. BASE - FNPT					
316 SS	4832901	N/A	4833201	4833301	4833401
8C. BASE - SW					
316 SS	4998901	4999001	4999101	4999201	4999301
8D. BASE - 300# R.F.					
316 SS *	5043801	5043901	5044001	5044501	5044601
8E. BASE - 600# R.F.					
316 SS*	5043801	5043901	5044001	6103801	5044601
8F. BASE - 900# R.F.					
316 SS *	5045301	5045401	5045501	5045601	5045701
8G. BASE - 1500# R.F.					
316 SS *	5045301	5045401	5045501	5045601	5045701

All quantities are one except as noted in ( ).

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 19000 SERIES SRV O Ring

#### -1 DESIGN

FOR 2-Metal Seat DESIGN SEE SECTION 5 (a)

For - 1 Metal Seat See Section 13

HIGH PRESSURE DESIGN							
PART DESCRIPTION	3/4 x 1-19096H	3/4 x 1-19110H	3/4 x 1-19126H	1 x 1 1/2-19226H			
CLASS I							
1. O RING RETAINER							
316 SS	4871405	4871405	4871505	4871605			
1A. RETAINER LOCK SCREW							
316 SS	2422533	2422533	2422533	2420502			
1B. O RING see pg 7 for mat'l code							
CLASS II							
3. DISC HOLDER							
Inconel X-750	4960501	4960501	4960001	4962601			
4. SPINDLE							
Inconel X-750	4839801	4839801	4841201	4891701			
5. GUIDE							
316 SS	4838701	4838701	4961401	4961501			
CLASS III							
6. SPRING	SELECT FROM SPRING CHART						
6A. SPRING WASHER							
CARBON STEEL	4890401 (2)	4890401 (2)	4890501 (2)	4890501 (2)			
7. ADJUSTING SCREW							
316 SS	4842001	4842001	0269703	0269703			
8. BASE							
8A. BASE - FNPT							
316 SS W/STELLITE SEAT	4833501	5097801	4833601	4833701			
8B. BASE - SW							
316 SS W/STELLITE SEAT	4999401	5098401	4999501	4999601			
8C. BASE - 1500# R.F.							
316 SS W/STELLITE SEAT *	5045801		5045901	5046001			
8D. BASE - 2500# R.F.							
316 SS W/STELLITE SEAT *	5046201		5046301	5046401			

All quantities are one except as noted in ( ).

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SRV/SPRL - 1/02

Effective June, 2002

Supersedes SRV/SPRL-1/01

Dated April, 2001

Section 5(b), PG 8

## O-RING COMPOSITE SHEET

19000-1

O-Ring Seat Seal Design  
\*(Parts Unique to this Design)

ORIFICE SIZE	NITRILE/BUNA N			SILICONE			FLUORO-CARBON		TEFLON	KALREZ-4079
	**50	70	90	50	70	80	70	90		75 (See Below)
096	31007013	31018013	31008013	31011013	31012013		31004013	31005013	31006013	31014013
126	31007014	31018014	31008014	31011014	31012014		31004014	31005014	31006014	31014014
226	31007017	31018017	31008017	31011017	31012017		31004017	31005017	31006017	31014017
357	31007118	31018118	31008118	31011118	31012118		31004118	31005118	31006118	31014118
567	31007121	31018121	31008121	31011121	31012121		31004121	31005121	31006121	31014121

ORIFICE SIZE	ETHYLENE PROPOLYNE			NEOPRENE		
	**50	70	90	50	70	
096	31001013	31019013	31002013	31009013	31010013	
126	31001014	31019014	31002014	31009014	31010014	
226	31001017	31019017	31002017	31009017	31010017	
357	31001118	31019118	31002118	31009118	31010118	
567	31001121	31019121	31002121	31009121	31010121	

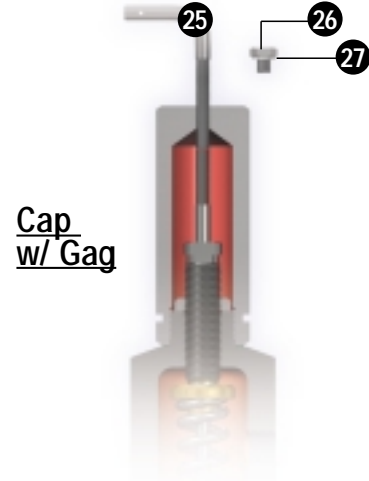
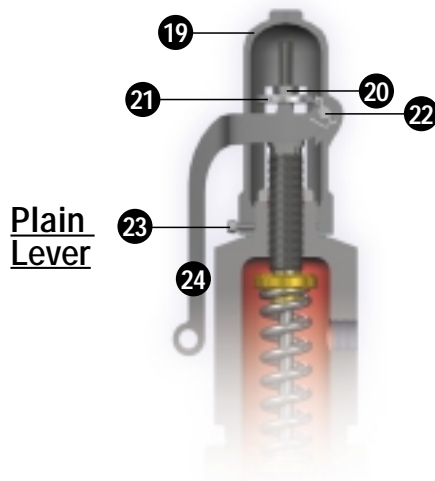
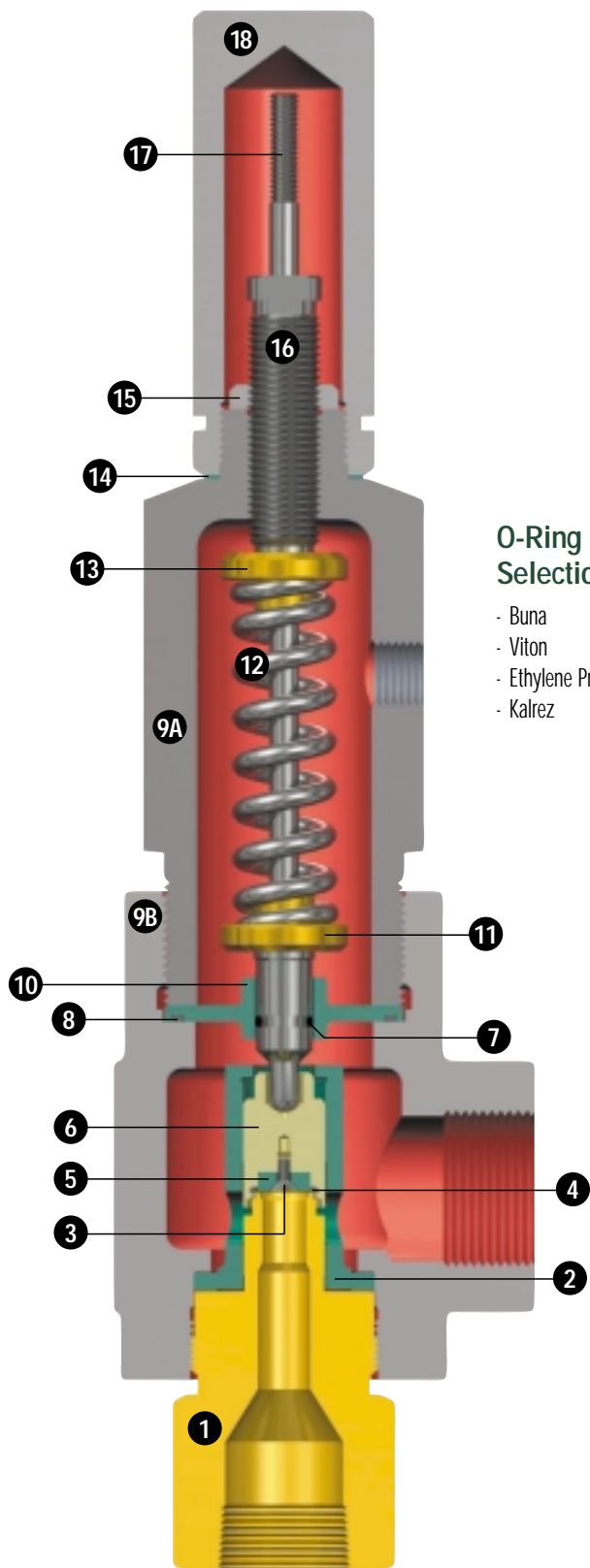
\*All classes of parts common to O-Ring Seat Seal Design and Metal Seat Design can be found in Section 1.

\*\*These Numbers indicate durometer (Hardness) of material.

Kalrez 4079 not recommended for Steam use material code 23 Kalrez 1050 LF

COMPLETE GUIDE CAN BE FOUND IN ORING SELECTION CHART EG-60 - REFER TO SPRING SELECTION CD-ROM OR CONTACT FACTORY

### Materials



Part		Material
1	Base	316SS
2	Guide	316SS
3	Retainer Lockscrew	316SS
4	Seat O-Ring	See O-Ring Seal Selection
5	O-Ring Retainer	316SS
6	Disc Holder	Inconel X750
7	Spindle O-Ring	See O-Ring Seal Selection
8	Backup Plate O-Ring	See O-Ring Seal Selection
9A	Bonnet Top	SA105 Carbon Steel (Phosphated)
9B	Bonnet Bottom	SA105 Carbon Steel (Phosphated)
10	Backup Plate	316SS
11	Spring Washer	Carbon Steel (Phosphated)
12	Spring	
	19096c-BP	17-7PH Stainless Steel
	19096t-BP	Inconel X750
13	Spring Washer	Carbon Steel (Phosphated)
14	Gap Gasket	Soft Iron
15	Adj. Screw Locknut	316SS
16	Adjusting Screw	316SS
17	Spindle	Inconel X750
18	Screwed Cap	Carbon Steel (Phosphated)
19	Plain Lever Cap	Malleable Iron
20	Release Locknut	Carbon Steel
21	Release Nut	Carbon Steel
22	Lever Pin	Carbon Steel
23	Cap Screw	Carbon Steel
24	Lifting Lever	Malleable Iron
25	Gag Bolt	Carbon Steel
26	Sealing Plug	Carbon Steel
27	Sealing Plug Gasket	Soft Iron

**RECOMMENDED SPARE PARTS - SAFETY RELIEF VALVES**  
**19096BP**

Inventory Stocking Philosophy			
CLASS	PART NAME	Qty., Parts/Size, Type & Material Valves in Service	Need Coverage
I	Oring Set Oring Retainer Retainer Lock Screw Gaskets	1/1	70%
II	Disc Holder Spindle Guide	1/5	85%
III	Spring Assembly Base Adjusting Screw	1/5	95%
IV	Adjusting Screw LockNut Backup Plate Cap Release Nut Release Locknut	1/5	99%

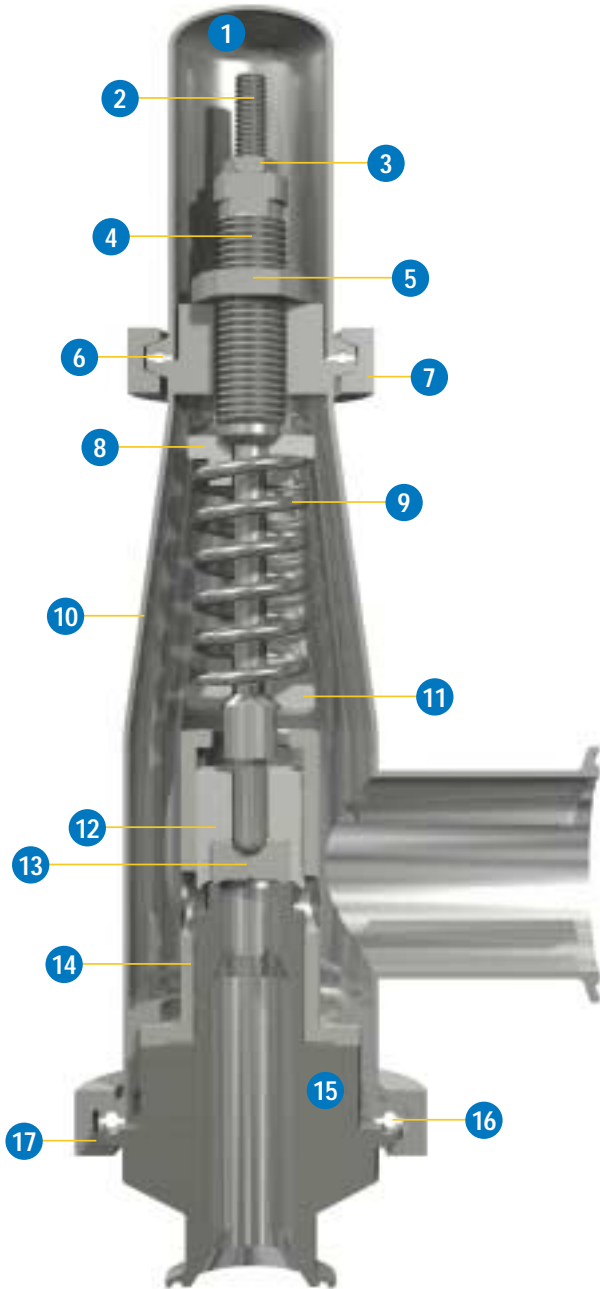
**SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST**  
**19000BP SERIES SRV O Ring**  
-1 DESIGN

PART DESCRIPTION	1/2 x 1-19096M	3/4 x 1-19096M	1 x 1-19096M					
CLASS I								
1. O RING RETAINER								
316 SS	4871401							
1A. RETAINER LOCK SCREW								
316 SS	2420513							
1B. O RINGs								
Seat O Ring	310**013							
Backup Plate O Ring	310**030							
Spindle Oring	310**011							
2. Gasket								
Soft Iron	3610103							
CLASS II								
3. DISC HOLDER								
316 SS	4833805							
4. Spindle								
316 SS	5000101							
5. Guide								
316 SS	4839301							
CLASS III								
6. Spring	see spring selection chart							
6A. Spring Washer								
Carbon Steel(qty 2)	4842201							
7. BASE - MNPT								
316 SS	4832401	4832501	4832701					
8. Adjusting Screw		4842001						
Class IV								
9. Backup Plate	5053501							
10. Adjusting Screw Locknut		4834101						
11. Release Nut		see 5(a)						
12. Release Locknut		see 5(a)						

**\*\* REFER TO Section 5b for Oring material code**

## Materials

The 19000PF is designed for overpressure protection of systems containing clean steam, air or water. The stainless steel materials of the metal components provide superior corrosion resistance. [Extremely fine surface finishes on non-wetted components and electro-polished finishes on the base and disc wetted surfaces produces an easy to clean and contamination resistant design. For ease of cleaning and to resist contamination, surfaces of the non wetted parts are 30RA or finer finish and the wetted surfaces of the base and disc have a 15RA electropolished finish.]



Part		Material
1	Cap	316L Stainless Steel
2	Spindle	316 Stainless Steel
3	Set Retainer Locknut	316 SS Teflon Inserted
4	Adjusting Screw	316 Stainless Steel
5	Adjusting Screw Locknut	316 Stainless Steel
6	Cap Sanitary Gasket	See Table Below
7	Sanitary Clamp	
	To 250°F - Hinged	304 Stainless Steel
	251°F to 400°F - Bolted	304 Stainless Steel
8	Spring Washer	316 Stainless Steel
9	Spring	316 Stainless Steel
10	Bonnet	316L Stainless Steel
11	Spring Washer	316 Stainless Steel
12	Disc Holder	316 Stainless Steel
13	Disc	
	Design Temp to 400°F	316L Stainless Steel
	Steam Service (Operating Temperature 251°F & Above)	Inconel X750
14	Guide	316L Stainless Steel
15	Base	316L Stainless Steel
16	Bonnet Sanitary Gasket	See Table Below
17	Sanitary Clamp	
	To 250°F - Hinged	304 Stainless Steel
	251°F to 400°F - Bolted	304 Stainless Steel
18	Packed Cap	316L Stainless Steel
19	Release Locknut	316 Stainless Steel
20	Release Nut	316 Stainless Steel
21	O-Ring	Teflon
22	Cam Shaft	316 Stainless Steel
23	Drive Pin	316L Stainless Steel
24	Washer	Teflon
25	Bushing	316 Stainless Steel
26	Lever	316 Stainless Steel
*27	Nameplate	Stainless Steel
*28	Nameplate Screws	Stainless Steel

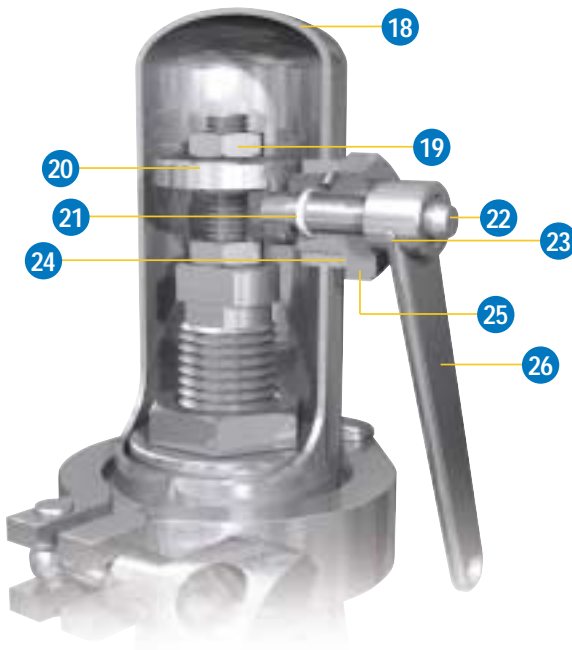
\*not shown

### Sanitary Gasket Material Selections:

- Silicone
- Ethylene-propylene-diene rubber
- Steam Resistant Fluoroelastomer
- Nitrile

Consult factory for other options.

## Materials



Optional  
Packed Cap with Lever

## Optional Sanitary Clamps

Inlet and Outlet Connections



Hinged Clamp  
Temperature to 250°F



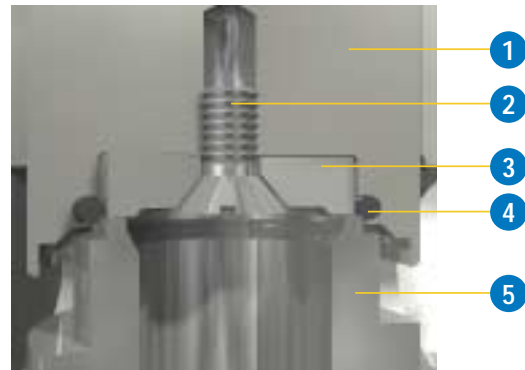
Bolted Clamp  
Temperature from 251°F to 400°F

## Design

With the **Consolidated** O-Ring seat seal design, the spring seat load is absorbed by metal-to-metal contact outside of the O-Ring contact surface. Tightness is obtained by using an O-Ring as a resilient seal.

### O-Ring Materials

- Nitrile
- Ethylene Propylene
- Fluorocarbon (Viton)
- Neoprene
- Silicone
- Teflon
- Kalrez
- Chemraz



Part		Material
1	O-Ring Disc Holder	316 Stainless Steel
2	Retainer Lock Screw	316 Stainless Steel w/Nylon Locking Feature
3	O-Ring Retainer	316 Stainless Steel
4	O-Ring Seat Seal	See Selection 5, SRV-Catalog for Selection Guidelines
5	O-Ring Base	316 Stainless Steel

**NOTE:** ASME Section VIII requires lifting levers for steam, air and water applications over 140°F.



**RECOMMENDED SPARE PARTS - SAFETY RELIEF VALVES**  
**19000PF**

SRV/SPRL - 1/02  
Effective June, 2002  
Supersedes SRV / SPRL - 1/01  
Dated April, 2001  
Section 6, Page 2

CLASS	PART NAME		QTY PARTS/SAME VALVES IN SERV. (MINIMUM)	QTY PARTS/SAME VALVES IN SERV. (MAXIMUM)	PREDICTED AVAILABILITY
I.	DISC		1 / 3	1 / 1	70%
	O-ring Retainer		1 / 3	1 / 1	
	Retainer Screw		1 / 3	1 / 1	
	O-ring		1 / 1	1 / 1	
	Washer - Teflon		1 / 1	1 / 1	
	O-ring bushing - Teflon		1 / 1	1 / 1	
	Sanitary Gasket		1 SET / 5	1 / 1	
II.	Disc Holder		1 / 10	1 / 5	85%
	Guide		1 / 10	1 / 5	
	Spindle		1 / 10	1 / 5	
III.	Adjusting Ring		1 / 10	1 / 5	95%
	Spring Assembly				
	(1) Spring		NOTE 1	NOTE 1	
	(1) Upper Washer		NOTE 1	NOTE 1	
	(1) Lower Washer		NOTE 1	NOTE 1	
	Adjusting Screw		1 / 3	1 / 1	
	Base		1 / 10	1 / 5	

Note 1: Must be purchased as a mated set

**SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST**  
**19000PF-2 SERIES SRV - Metal Seat**

LOW PRESSURE DESIGN .						
PART DESCRIPTION	19096	19110	19126	19226	19357	19567
CLASS I						
1. DISC - Metal Seat						
316 SS (if steam <251F) Limit 400	5066902		5067002	5067102	5067202	5067302
Inconel	5066903		5067003	5067103	5067203	5067303
2. Sanitary Gasket (2)						
a. Temp <= 250F						
Cap Gasket	5038402				5038403	
Bonnet Gasket	5038403				5038405	
b. Temp > 250F						
Cap Gasket	5038420				5038421	
Bonnet Gasket	5038421				5038423	
3. O-ring bushing-packed lever assembly						
Teflon	31015011					
CLASS II						
4. DISC HOLDER	5055401					
316 SS	5055101		5055201	5055301	5055401	5055501
5. SPINDLE						
316 SS	5067401			5067501	5067601	
6. GUIDE					5022203	
316 SS	5018103			5021603	Call Factory	5022703
CLASS III						
7. SPRING	SELECT FROM SPRING CHART					
7a. SPRING WASHER						
316ss (qty 2)	4842502			4842602	4842702	
8. ADJUSTING SCREW						
316 SS	5009801				4466202	
9. BASE						
316 SS				5068002	5068102	5068202
1/2 * 1	6013902					
3/4 * 1	6014002	6014202	6014302			
1 * 1	6014202	5068702	5067902			

**SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST**  
**19000PF-2 SERIES SRV (Metal Seat)**

LOW PRESSURE DESIGN						
PART DESCRIPTION	19096	19110	19126	19226	19357	19567
CLASS IV						
10. ADJ. SCREW LOCK NUT						
316 SS		0554703			1077105	
11. Set Retaining Locknut		5048001			5048101	
12. CAPS & LEVERS						
12A. CAP-Sanitary						
316SS		6020301			6010701	
12B. CAP-PACKED LEVER ASSEMBLY						
316SS		6020501			6010901	
12B.i. RELEASE NUT-PACKED						
316ss		4810102			4466102	
12B.ii. REL. LOCK NUT - PACKED						
316 SS						
12B.iii. Cam Shaft		385603			385603	
12B.iv. Gasket			3710118			
12B.v. Pin			2110843			
13. Sanitary Clamp						
13A. Cap Clamp - Hinged <251F		5038501			5038502	
13B. Cap Clamp - bolted >250F		5038601			5038602	
13C. Bonnet Clamp - Hinged < 251F		5038502			5038504	
13D. Bonnet Clamp - Hinged > 250F		5038602			5038604	

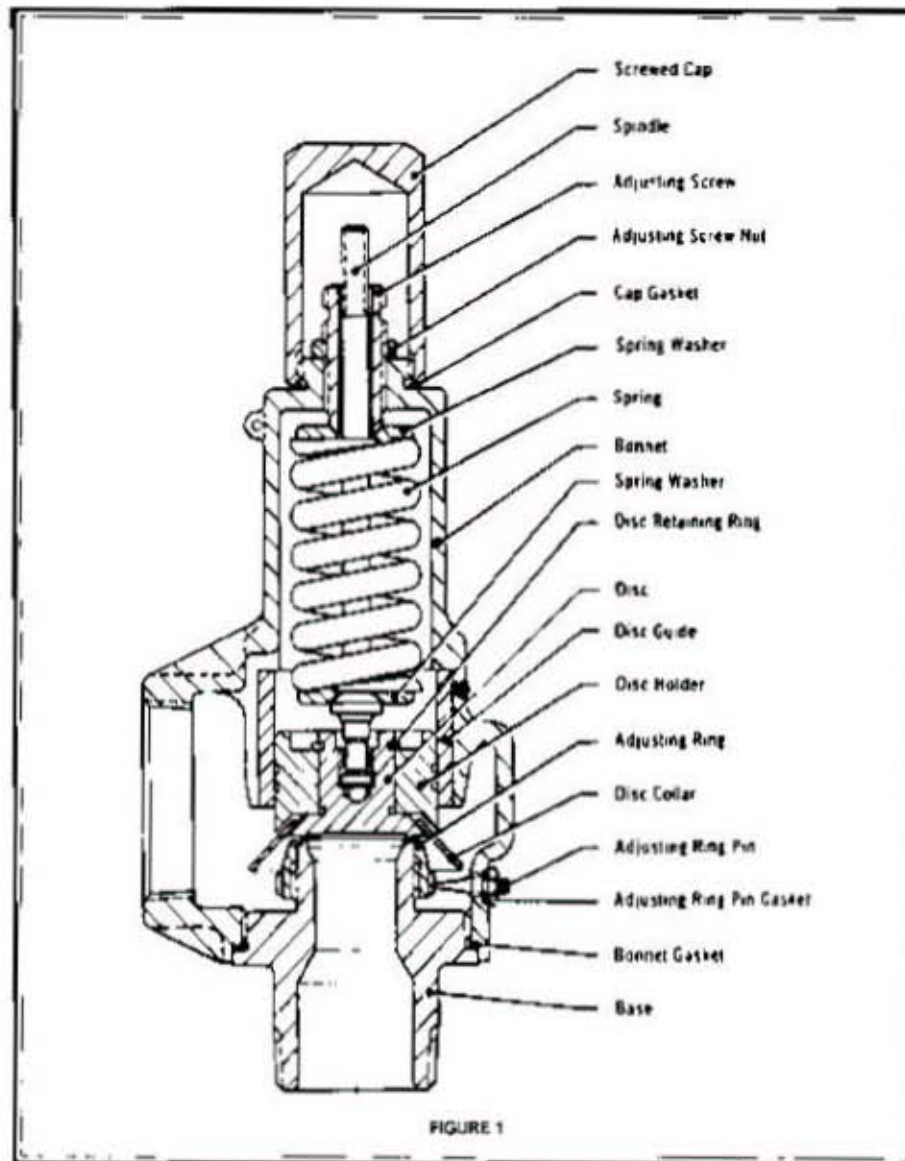
## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 19000PF-2 SERIES SRV - O-Ring Seat

for parts not listed see Metal Seat

LOW PRESSURE DESIGN .						
PART DESCRIPTION	19096	19110	19126	19226	19357	19567
1. Soft Seat						
1a. O ring retainer 316ss	5078002		5078102	5078202	5078302	5078402
1b. Retainer Screw 316ss	5078502			5078504	5078506	
1c. O ring	310XX013		310XX014	310XX017	310XX118	310XX121
CLASS II						
4. DISC HOLDER						
316 SS	4870901		4871001	4871101	4871201	4871301
5. SPINDLE						
316 SS		5047701		5047801	5047901	
9. O'ring seat						
316 SS				5071702	5071802	5071902
1/2 * 1	5071002					
3/4 * 1	5071102	5071302	5071502			
1 * 1	5071202	5071402	5071602			

INSTALLATION (Continued)



## Recommended Spare Parts

<b>CLASS I</b>	<b>Qty. Parts/Size, Type &amp; Material Valves in Service</b>	<b>Need Probability Coverage</b>
1. Disc 2. Adjusting Ring Pin 3. Gaskets 3A. Cap 3B. Adjusting Ring 3C. Bonnet	1/1 1/1 1 Set/1	70%
<b>CLASS II</b> 4. Disc Holder 5. Retainer Ring 6. Spindle	1/5 * 1/5 1/5	85%
<b>CLASS III</b> 7. Spring Assembly 8. Compression Screw 9. Adjusting Ring	1/5 * 1/5 1/5	95%
<b>CLASS IV</b> 10. Compression Screw Locknut 11. Cap (Specify Screwed, Packed, Plain) 12. Release Nut (Used on Packed or Plain Lever Only) 13. Release Locknut (Used on Packed or Plain Lever Only)	1/5 1/5 1/5 1/5	99%

\*NOTE: Consult Spring Selection Chart before ordering Springs to determine actual quantities required in view of pressure setting potential in each spring range.

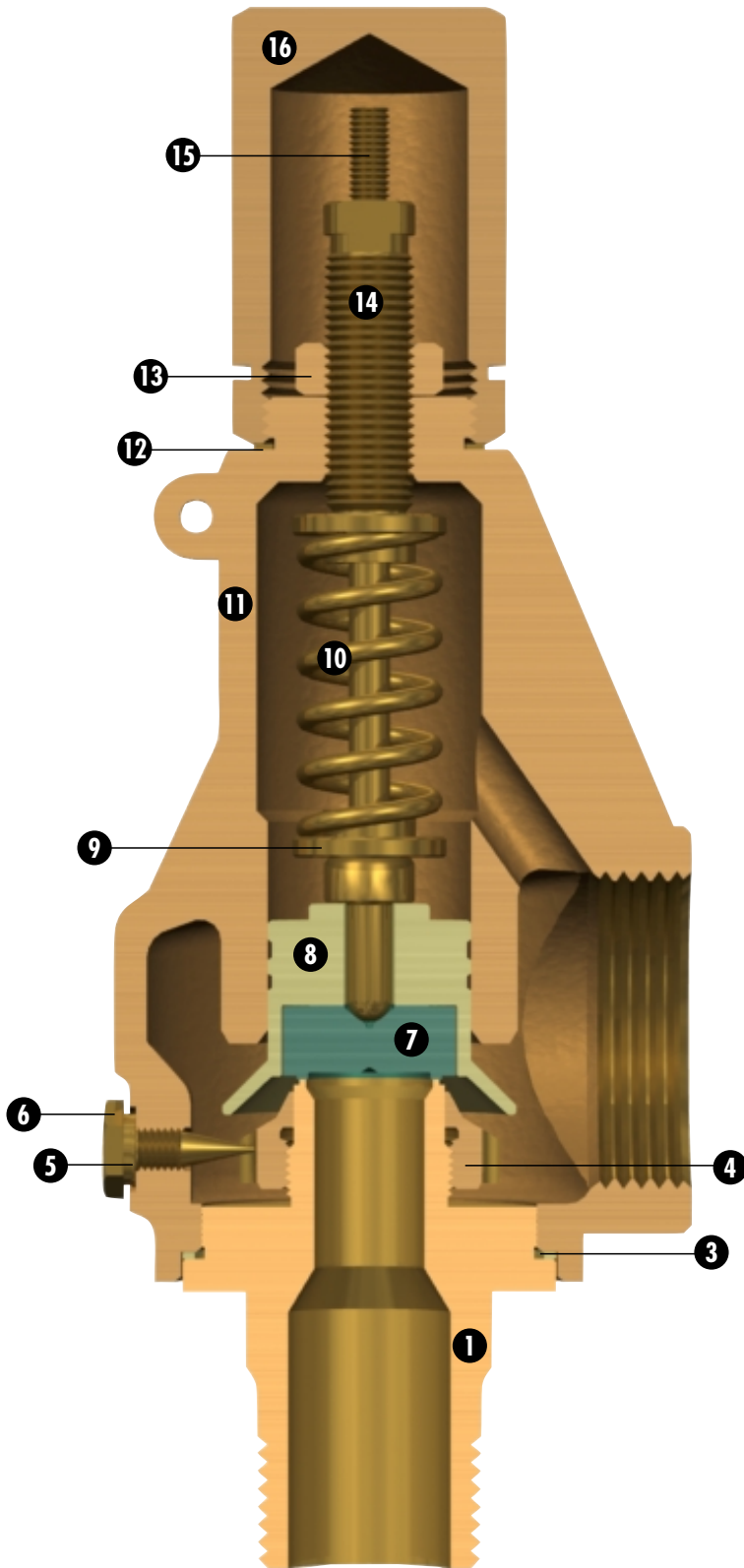
## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

1982

**\*Standard Material**

PART DESCRIPTION	1/2"	3/4"	1"	1 1/2"	2"
CLASS I					
1.DISC Assembly					
316 SS	1810802	1811802	1812202	1812602	1811302
2. Gaskets - soft iron* "CC" valve construction					
a. Cap	3610108	3610108	3610111	3600101	3600201
b. Bonnet	3610110	3610109	3620109	3630110	3630111
c. Adj Ring Pin	3600106	3600106	3600106	3610112	3610112
3. ADJUSTING RING PIN					
410 SS*	0774101		0775301	0785401	
316 SS	0774102		0775302	0785402	
CLASS II					
4. Base					
316 SS	4467402	4467702	4467802	4468002	4467902
5. Spindle					
410 SS	4464801	4464701	VFJ871	1214603	VFQ871
316 SS	4464804	4464702	VFJ871C	1214604	VFQ871B
Class III					
6. Adjusting Ring					
316SS	1229901	1229801	4449904	1230002	4450004
7. Compression Screw					
Std	1592601		VAT898A	VAS898A	0776101
316SS	1592602		VAT898B	VAS898B	0776102
8. Spring	See Spring Selection Chart				
9. Spring Washer (QTY 2)					
Carbon Steel	VBG906E	VBA906A	VAW906A	VAU906A	4342602
316SS	VBG906C	VBA906B	VAW906B	VAU906B	4342603
Class IV					
10. Compression Screw Locknut					
a. Carbon steel	0774101	0774404	2210409	0785506	5014502
b. 316SS	0774102	0774402	2210309	0785502	5014503

### Materials



Part		Bronze
1	Base	B21 Alloy C46400
2	Inlet Flange (not shown)	B584 Alloy C87500
3	Bonnet Gasket	N/A
4	Adjusting Ring	B584 Alloy C87500
5	Adjusting Ring Pin Gasket	N/A
6	Adjusting Ring Pin	B21 Alloy C46400
7	Disc	B21 Alloy C46400
8	Disc Holder	B21 Alloy C46400
9	Spring Washer	B16
10	Spring 820000c	17-7PH
11	Bonnet	B584 Alloy C84400
12	Cap Gasket	N/A
13	Adjusting Screw Locknut	B16
14	Adjusting Screw	B16
15	Spindle	B21 Alloy C46400
16	Screwed Cap	B21 Alloy C46400



**RECOMMENDED SPARE PARTS - SAFETY RELIEF VALVES**  
**820000**

SRV/SPRL - 1/02  
Effective June, 2002  
Supersedes SRV / SPRL - 1/01  
Dated April, 2001  
Section 8, Page 2

CLASS	PART NAME		QTY PARTS/SAME VALVES IN SERV. (MINIMUM)	QTY PARTS/SAME VALVES IN SERV. (MAXIMUM)	PREDICTED AVAILABILITY
I.	DISC		- 1 / 3	1 / 1	70%
	ADJ RING PIN		1 / 5	1 / 3	
	Gasket Set		1 SET / 5	1 / 1	
II.	Disc Holder		1 / 10	1 / 5	85%
	Spindle		1 / 10	1 / 5	
III.	Adjusting Ring		1 / 10	1 / 5	95%
	Spring Assembly				
	(1) Spring		NOTE 2	NOTE 2	
	(1) Upper Washer		NOTE 2	NOTE 2	
	(1) Lower Washer		NOTE 2	NOTE 2	
	Adjusting Screw				

**SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST**  
**820000 SERIES SRV**

SRV/SPRL - 1/02  
Effective June, 2002  
Supercedes SRV / SPRL - 1/01  
Dated April, 2001  
Section 8, Page 3

PART DESCRIPTION	1/2 X 1 820121	3/4 X 1 1/2 820216	1 X 1 1/2 820332	1 1/2 X 2 1/2 820857
CLASS I				
1. DISC - AIR/GAS				
316SS	4840101	4975501	4978401	4978501
BRONZE	4840106	4975502	4978402	4978502
DISC - LIQUID				
316SS	4840101	4978301	4978701	4978801
BRONZE	4840106	4978302	4978702	4978802
2. ADJ. RING PIN				
416SS	4809001	4809001	4809001	0785401
BRONZE	4809002	4809002	4809002	0785404
3. ADJ. RING PIN GASKET				
SOFT IRON	3600101	3600101	3600101	3600101
4. BONNET GASKET				
SOFT IRON	3610110	3610109	3620109	3630110
5. CAP GASKET				
SOFT IRON	3602505	3602505	3610111	3610112
CLASS II				
6. DISC HOLDER				
316SS	5036001	5036301	5036701	5036501
BRONZE	5036002	5036302	5036702	5036502
7. SPINDLE				
CARBON STEEL	5036101	5036401	5036801	5036601
BRONZE	5036103	5036403	5036803	5036603
CLASS III				
8. SPRING	SELECT FROM SPRING CHART			
8A. SPRING WASHER				
CARBON STEEL	VBG906E (2)	VBA906A (2)	VAW906A (2)	VAU906A (2)
BRONZE	VBG906B (2)	VBA906 (2)	VAW906 (2)	VAU906 (2)
9. ADJUSTING RING				
316SS	1229901	1229801	4449903	1230002
BRONZE	1229904	1229804	4449906	1230004
10. ADJUSTING SCREW				
416SS	1592601	1592601	VAT898A	4831301
BRONZE	1592605	1592605	VAT898	VAS898

ALL QUANTITIES ARE ONE EXCEPT AS NOTED ( ).

**SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST**  
**820000 SERIES SRV**

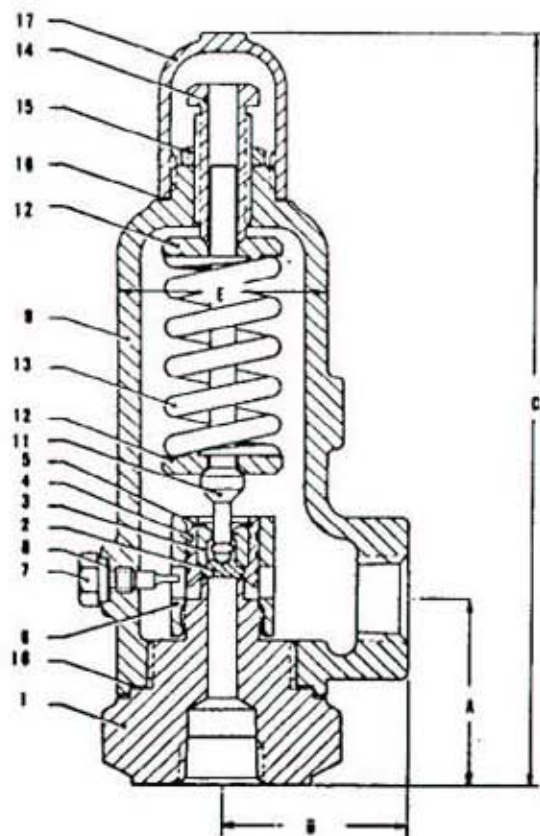
SRV/SPRL - 1/02  
Effective June, 2002  
Supersedes SRV / SPRL - 1/01  
Dated April, 2001  
Section 8, Page 4

PART DESCRIPTION	1/2 X 1 820121	3/4 X 1 1/2 820216	1 X 1 1/2 820332	1 1/2 X 2 1/2 820857
11. BASE				
316SS	4467401	4467701	4467801	4468001
BRONZE	WA839B	WA840C	WA841C	WX843D
11A. BASE INLET FLANGE - 150#				
CARBON STEEL	N/A	N/A	0772113	0772125
BRONZE	N/A	N/A	0772304	0772306
11B. BASE INLET FLANGE - 300#				
CARBON STEEL	N/A	N/A	0772123	0772124
BRONZE	N/A	N/A	0772308	0772307
CLASS IV				
12. ADJ. SCREW LOCK NUT				
CARBON STEEL	0774404	0774404	2210409	0785504
BRONZE	0774405	0774405	2211209	0785505
13. CAPS & LEVERS				
13A. CAP - SCREWED				
CARBON STEEL	0773101	0773101	0773201	0773401
BRONZE	0773107	0773107	0773205	0773405
13B. CAP - PLAIN				
CARBON STEEL	1223501	1223501	1223301	1223101
BRONZE	1223503	1223503	1223302	1223103
14. BONNET				
SA217, GR. CA15	4808401	4808501	4808601	4808701
BRONZE	4808403	4808503	4808603	4808703

**Recommended Spare Parts - Safety Relief Valves  
1970-1975 Portables - Conventional Design  
Discontinued Design  
Limited Availability of Parts**

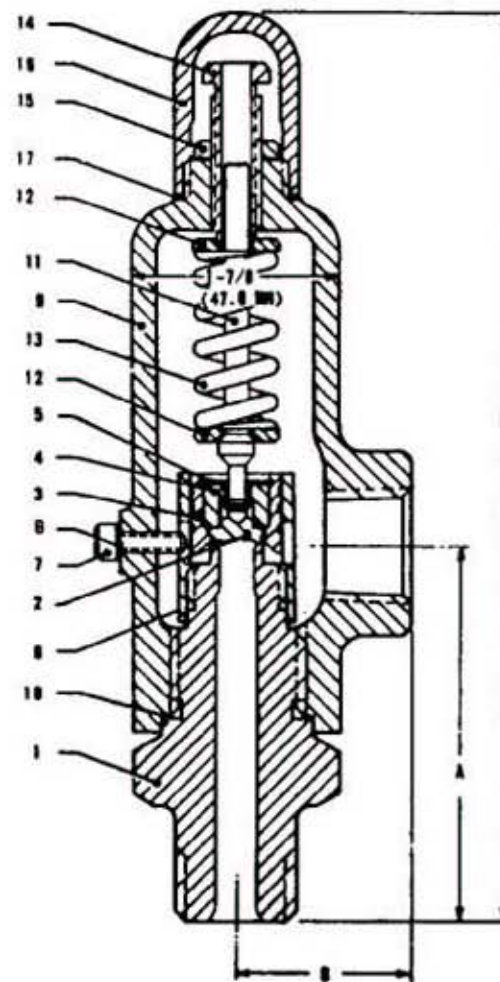
SRV/SPRL - 1/02  
Effective June, 2002  
Supersedes SRV / SPRL - 1/01  
Dated April, 2001  
Section 9, Page 1

CLASS	PART NAME	C-CONVENTIONAL	QTY PARTS/SAME VALVES IN SERV. (MINIMUM)	QTY PARTS/SAME VALVES IN SERV. (MAXIMUM)	PREDICTED AVAILABILITY
I.	Disc	C	1 / 3	1 / 1	70%
	Guide Pin	C	1 / 3	1 / 1	
	Gasket (Set)				
	(1) Cap Gasket	C	1 / 3	1 / 1	
	(2) Guide Pin Gasket	C	1 / 3	1 / 1	
	(3) Bonnet Gasket	C	1 / 3	1 / 1	
II.	Disc Holder Assembly	C	1 / 8	1 / 5	85%
	1. Disc Holder				
	2. Lift Nut				
	3. Retainer Ring				
	Disc Holder	C	1 / 8	1 / 5	
	Spindle	C	1 / 8	1 / 5	
III.	Guide	C	1 / 8	1 / 5	95%
	Spring Assembly				
	(1) Spring	C	1 / 8	1 / 5	
	(2) Spring Washer (2)	C	1 / 8	1 / 5	
IV.	Adjusting Screw	C	1 / 8	1 / 5	99%
	Adjusting Screw Nut	C	1 / 8	1 / 5	
	Cap (Select One):				
	1. Screwed	C	1 / 8	1 / 5	
	2. Plain Lever Asm.	C	1 / 8	1 / 5	
	(1) Cap Assembly				
	(1) Release Nut				
	(1) Lock Nut				
	3. Packed Lever Assembly	C	1 / 8	1 / 5	
	(1) Cap Assembly				
	(2) Release Nut				
	(3) Lock Nut				



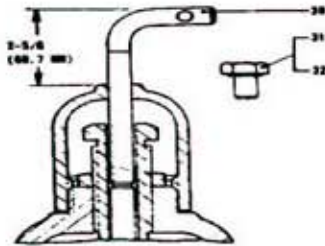
1970

Ref. No.	Nomenclature
1.	Base
2.	Disc
3.	Disc Holder
4.	Lift Nut
5.	Retainer Ring
6.	Guide
7.	Guide Pin
8.	Guide Pin Gasket
9.	Bonnet
10.	Bonnet Gasket
11.	Spindle
12.	Spring Washer
13.	Spring
	Types 1975c
	Types 1975t
14.	Adjusting Screw
15.	Adj. Screw Nut
16.	Screwed Cap
17.	Cap Gasket

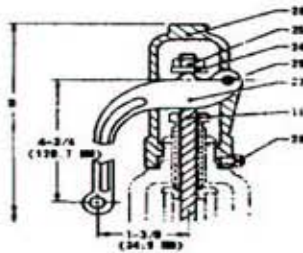


1975

## CAPS

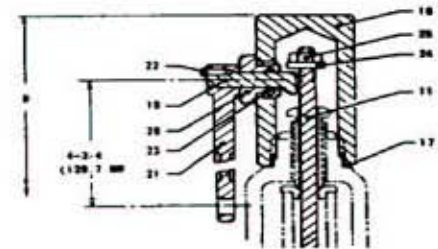


**CAP WITH GAG**



**PLAIN CAP**

Ref. No.	Nomenclature
18.	Packed Cap
19.	Cam Shaft
20.	Bushing
21.	Lever
22.	Drive Pin
23.	O-Ring
24.	Release Nut
25.	Release Locknut
26.	Plain Cap
27.	Lifting Lever
28.	Cap Screw
29.	Lever Pin
30.	Gag Bolt
31.	Gag Plug
32.	Gag Plug Gasket



**PACKED CAP**

**SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST**

1970 &amp; 1975 SERIES SRV's

**Discontinued Design****Limited Availability of Parts**

PART DESCRIPTION	3/4" - 1970-2	1" 1970-2	1-1/2" 1970-2	2" 1970-2	1/2" 1975-3	3/4" 1975-3	1" 1975-3
CLASS I							
1. DISC							
316 SS	0750402	0750402	0786002	0786002	0733302	0733302	0733302
2. RETAINER RING							
PH15-7MO	2090104	2090104	2090105	2090105	2090103	2090103	2090103
3. GUIDE PIN							
316 SS	0403103	0403103	0640102	0640102	4137206	4137206	4137206
4. GASKETS			SEE SEPARATE COMPOSITE GASKET SHEET				
CLASS II							
5. DISC HOLDER							
316 SS	0750602	0750602	0786202	0786202	0733202	0733202	0733202
6. LIFT NUT							
316 SS	0750502	0750502	0786102	0786102	0733402	0733402	0733402
7. SPINDLE							
316 SS SCR	0752302	0752302	0752302	0752302	0746402	0746402	0746402
316 SS PL & PKD	0752402	0752402	0752402	0752402	0733502	0733502	0733502
8. GUIDE							
316 SS	0403403	0403403	0639802	0639802	1745002	1745002	1745002
CLASS III							
9. SPRING			SELECT FROM SPRING CHART				

**SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST****1970 & 1975 SERIES SRV's****Discontinued Design****Limited Availability of Parts**

PART DESCRIPTION	3/4" - 1970-2	1" 1970-2	1-1/2" 1970-2	2" 1970-2	1/2" 1975-3	3/4" 1975-3	1" 1975-3
10. SPRING WASHERS (2)							
316 SS	0403203	0403203	0403203	0403203	0405102	0405102	0405102
11. ADJUSTING SCREW							
316 SS	1085107	1085107	1085107	1085107	1022402	1022402	1022402
12. BASE/NOZZLE							
316 SS	0404102	0403903	0639402	0639502	1745702	1745403	1745103
CLASS IV							
12. ADJUSTING SCREW LOCK NUT							
316 SS	1077105	1077105	1077105	1077105	0554703	0554703	0554703
15. CAP			SEE SEPARATE COMPOSITE CAP SHEET				
16. BONNET							
316 SS	0404302	0404202	0639702	0639702	0404504	0404504	0404504



**CLASS - 1 CAP GASKETS - 1990-2990-3990-1970-1975 Series SRV's**  
**Discontinued Design**  
**Limited Availability of Parts**

VALVE TYPE	GASKET MAT'L	1/2"	3/4"	1"	1-1/2"	2"
1970	316 SS		3620201	3620201	3620201	3620201
1975	316 SS	3610203	3610203			
1990-98	Soft Iron	3610103	3610103	3610103	3620101	3620101
2990-98	316 SS	3610203	3610203	3610203	3620201	3620201
3990-98	316 SS	3610203	3610203	3610203	3620201	3620201

**CLASS - 1 BONNET GASKETS**

VALVE TYPE	GASKET MAT'L	1/2"	3/4"	1"	1-1/2"	2"
	Soft Iron		3630101	3630101	3630202	3630202
1975	Soft Iron D7101 Filed	3610105	3610105	3610105		
1990-4-7-8	Grafoil Filled with Soft Iron	3691101	3691101	3691101	3630102	3630102
1991-2-3-4-5-6	Grafoil Filled with Soft Iron		3610106	3610118		
2990-4-7-8	Soft Iron D7101 Filed	3610105	3610105	3610105	3630202	3630202
2991-2-3-4-5-6	Grafoil Filled with Soft Iron		3691102	3610118		
3990-4-7-8	Soft Iron D7101 Filed	3610105	3610105	3610105	3630202	3630202
3991-2-3-4-5-6	Grafoil Filled with Soft Iron		3610106	3610118		

**CLASS - 1 GUIDE PIN GASKETS**

VALVE TYPE	GASKET MAT'L	1/2"	3/4"	1"	1-1/2"	2"
1970	316 SS		3600303	3600303	3600303	3600303
1975	316 SS	3601901	3601901	3601901		
1990-98	Soft Iron	3600201	3600201	3600201	None	None
2990-98	316 SS	3601901	3601901	3601901	None	None
3990-98	316 SS	3601901	3601901	3601901	None	None

**CLASS-IV-No. 12 CAPS 12A - Screwed Cap**  
**1990-2990-3990-1970-1975 Series SRV's**  
**Discontinued Design**  
**Limited Availability of Parts**

VALVE TYPE	MAT'L	1/2"	3/4"	1"	1-1/2"	2"
1970	316 SS		0424702	0424702	0424702	0424702
1975	316 SS	0419002	0419002	0419002		
1990	C.S.	4469601	4469601	4469601	4039101	4039101
2990	C.S.	4469601	4469601	4469601	4039101	4039101
3990	316 SS	4469602	4469602	4469602	4039108	4039108

**CLASS-IV-No. 12 CAPS 12D-Plain Lever Assembly**  
**1990-2990-3990-1970-1975 Series SRV's**

VALVE TYPE	MAT'L	1/2"	3/4"	1"	1-1/2"	2"
1970	316 SS		0343604	0343604	0343604	0343604
1975	316 SS	0567702	0567702	0556602		
1990	Iron	4514901	4514901	4514901	4515101	4515101
2990	-	None	None	None	None	None
3990	316 SS	4515001	4515001	4515001	4515201	4515201

**RELEASE LOCK NUT**  
**FOR PLAIN LEVER ASSEMBLY**

VALVE TYPE	MAT'L	1/2"	3/4"	1"	1-1/2"	2"
1970	316 SS		1079403	1079403	1079403	1079403
1975	316 SS	1050702 On Appl.	1050702 On Appl.	1050702 On Appl.		
1990	C.S.	1050701	1050701	1050701	4466101	4466101
2990	-	None	None	None	None	None
3990	316 SS	1050702	1050702	1050702	4466102	4466102

**CLASS-IV-No. 12 CAPS 12A - Packed Lever Assembly**  
**1990-2990-3990-1970-1975 Series SRV's**  
**Discontinued Design**  
**Limited Availability of Parts**

SRV/SPRL - 1/02  
Effective June, 2002  
Supersedes SRV / SPRL - 1/01  
Dated April, 2001  
Section 9, Page 8

VALVE TYPE	MAT'L	1/2"	3/4"	1"	1-1/2"	2"
1970	316 SS		0409402 On Appl.	0409402 On Appl.	0409402 On Appl.	0409402 On Appl.
1975	316 SS	0410302	0410302	0410302		
1990	C.S.	4514001	4514001	4514001	4514601	4514601
2990	C.S.	4514201	4514201	4514201	4514701	4514701
3990	316 SS	4514401	4514401	4514401	4514801	4514801

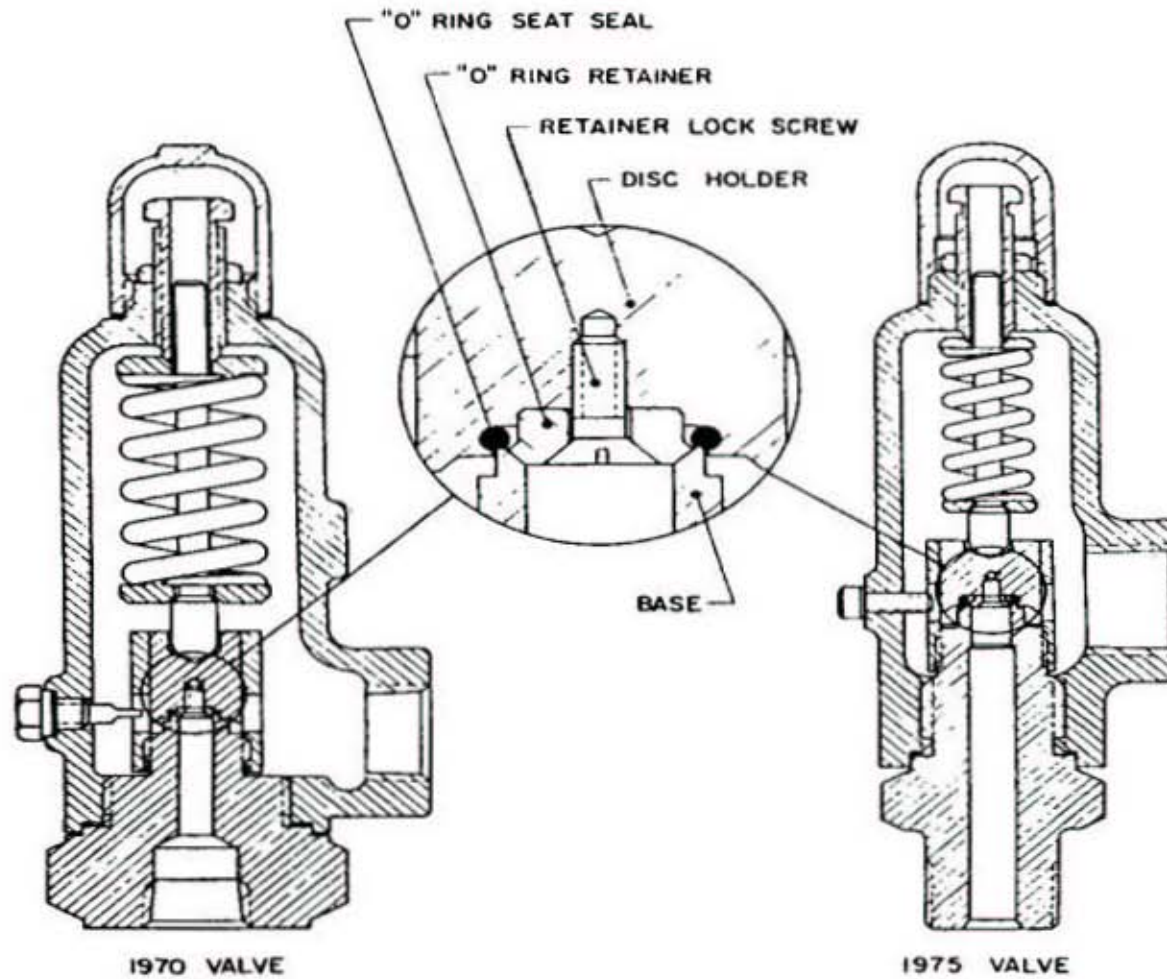
**RELEASE NUT**  
**FOR PACKED LEVER ASSEMBLY**

VALVE TYPE	MAT'L	1/2"	3/4"	1"	1-1/2"	2"
1970	316 SS		1075903	1075903	1075903	1075903
1975	316 SS	1050702	1050702	1050702		
1990	C.S.	1050701	1050701	1050701	4466101	4466101
2990	C.S.	1050701	1050701	1050701	4466101	4466101
3990	316 SS	1050702	1050702	1050702	4466102	4466102

**RELEASE LOCK NUT**  
**FOR PACKED AND PLAIN LEVER ASSEMBLY**

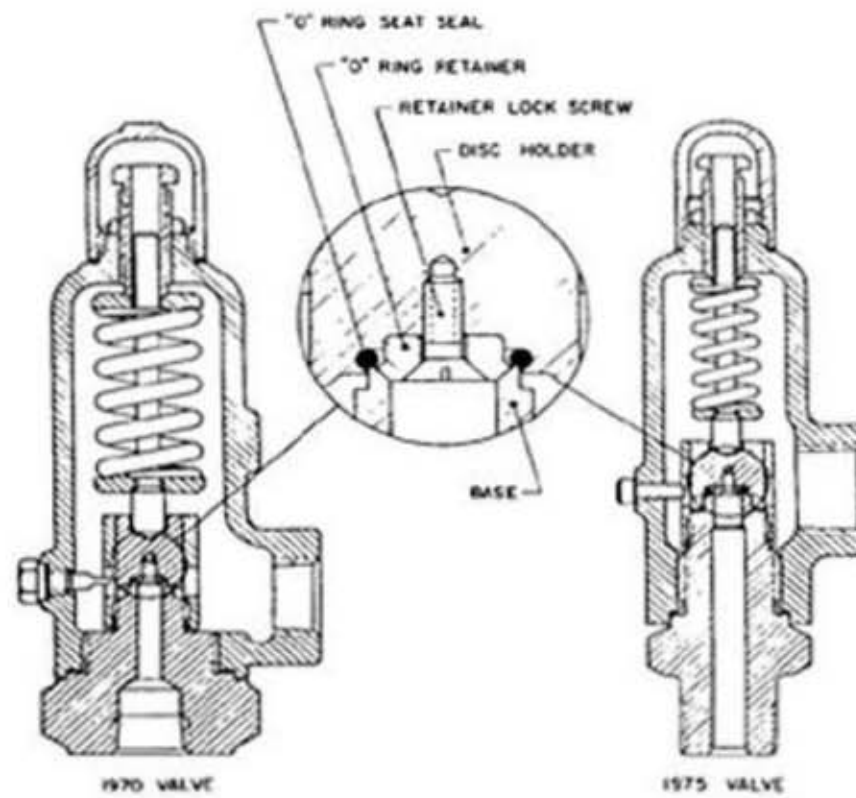
VALVE TYPE	MAT'L	1/2"	3/4"	1"	1-1/2"	2"
1970	316 SS		2210301	2210301	2210301	2210301
1975	316 SS	2210310	2210310	2210310		
1990	C.S.	2210110	2210110	2210110	2210103	2210103
2990	C.S.	2210110	2210110	2210110	2210103	2210103
3990	316 SS	2210310	2210310	2210310	2210303	2210303

## O-RING SEAT SEAL



## O-RING SEAT SEAL

1970 - 1975



**Recommended Spare Parts - Safety Relief Valves  
1970 - 1975 Portables - O-Ring Seat Seal Design**

CLASS	PART NAME	O-RING SEAT SEAL	QTY PARTS/SAME VALVES IN SERV. (MINIMUM)	QTY PARTS/SAME VALVES IN SERV. (MAXIMUM)	PREDICTED AVAILABILITY
I.	O-RING (SELECT)	OR	1 / 3	1 / 1	70%
	O-RING Retainer	OR	1 / 8	1 / 5	
	Retainer Lock Screw	OR	1 / 3	1 / 1	
	Guide Pin	OR	1 / 3	1 / 1	
	Gasket (Set)				
	(1) Cap Gasket	OR	1 / 3	1 / 1	
	(2) Guide Pin Gasket	OR	1 / 3	1 / 1	
	(3) Bonnet Gasket	OR	1 / 3	1 / 1	
	Spindle Retainer	OR	1 / 3	1 / 1	
II.	Disc Holder	OR	1 / 8	1 / 5	85%
	Spindle	OR	1 / 8	1 / 5	
	Guide	OR	1 / 8	1 / 5	
III.	Spring Assembly				95%
	(1) Spring	OR	1 / 8	1 / 5	
	(2) Spring Washer (2)	OR	1 / 8	1 / 5	
	Adjusting Screw	OR	1 / 8	1 / 5	
IV.	Adjusting Screw Nut	OR	1 / 8	1 / 5	99%
	Cap (Select One):				
	1. Screwed	OR	1 / 8	1 / 5	
	2. Plain Lever Assembly	OR	1 / 8	1 / 5	
	(1) Cap Assembly				
	(2) Release Nut				
	(3) Lock Nut				
	3. Packed Lever Assembly	OR	1 / 8	1 / 5	
	(1) Cap Assembly				
	(2) Release Nut				
	(3) Lock Nut				

**Discontinued Design - Limited Parts Availability**

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

1970 & 1975 SERIES SRV's  
O-RING SEAT SEAL DESIGN  
\*(PARTS UNIQUE TO THIS DESIGN)

PART DESCRIPTION	3/4" - 1970-1	1" 1970-1	1-1/2" 1970-1	2" 1970-2	1/2" 1975-2	3/4" 1975-2	1" 1975-2
CLASS I							
1. O-RING			SEE SEPARATE COMPOSITE O-RING SHEET				
2. O-RING RETAINER							
316 SS	0599102	0599102	0727402	0727402	0533302	0533302	0533302
3. RETAINER LOCK SCREW							
316 SS	2420502	2420502	2420502	2420502	2420503	2420503	2420503
4. SPINDLE RETAINER							
316 SS PL & PKD	2410408	2410408	2410408	2410408	2410412	2410812	2410812
CLASS II							
5. DISC HOLDER							
316 SS SCR	0598002	0598002	0727302	0727302	0533202	0533202	0533202
316 SS PL & PKD	0610502	0610502	0730502	0730502	0610602	0610602	0610602
6. SPINDLE							
316 SS SCR	0416203	0416203	0416203	0416203	0415902	0415902	0415902
316 SS PL & PKD	0416303	0416303	0416303	0416303	0416103	0416103	0416103
CLASS III							
7. BASE/NOZZLE							
316 SS	0598702 ON APPL.	0598802 ON APPL.	0730302 ON APPL.	-	1734302 ON APPL.	1734202 ON APPL.	1733202 ON APPL.

\*All classes of parts common to O-Ring Seat Seal Design and Metal Seat can be found on pages 15-16, Section 3.

**Discontinued Design - Limited Parts Availability**

**O-RING COMPOSITE SHEET****1970-1975 SERIES SRV's****O-Ring Seat Seal Design****\*(Parts Unique to this Design)**

ORIFICE SIZE	NITRILE/BUNA N			SILICONE			FLUORO-CARBON		TEFLON	KALREZ 4079
	**50	70	90	50	70		70	90		
3/4" X 1" 1970	31007113	31018113	31008113	31011113	31012113		31022113	31005113	31006113	31014113
1-1/2" X 2" 1970	31007118	31018118	31008118	31011118	31012118		31022118	31005118	31006118	31014118
1975	31007110	31018110	31008110	31011110	31012110		31022110	31005110	31006110	31014110

ORIFICE SIZE	ETHYLENE - PROPOLYENE			NEOPRENE		
	**50	70	90	50	70	
3/4" X 1" 1970	31001113	31019113	31002113	31009093	31010113	
1-1/2" X 2" 1970	31001118	31019119	31002102	31009098	31010118	
1975	31001110	31019110	31002110	31009090	31010110	

\*All classes of parts common to O-Ring Seat Seal Design and Metal Seat Design can be found on pages 1-19, Section 9.

\*\*These Numbers indicate durometer (Hardness) of material.

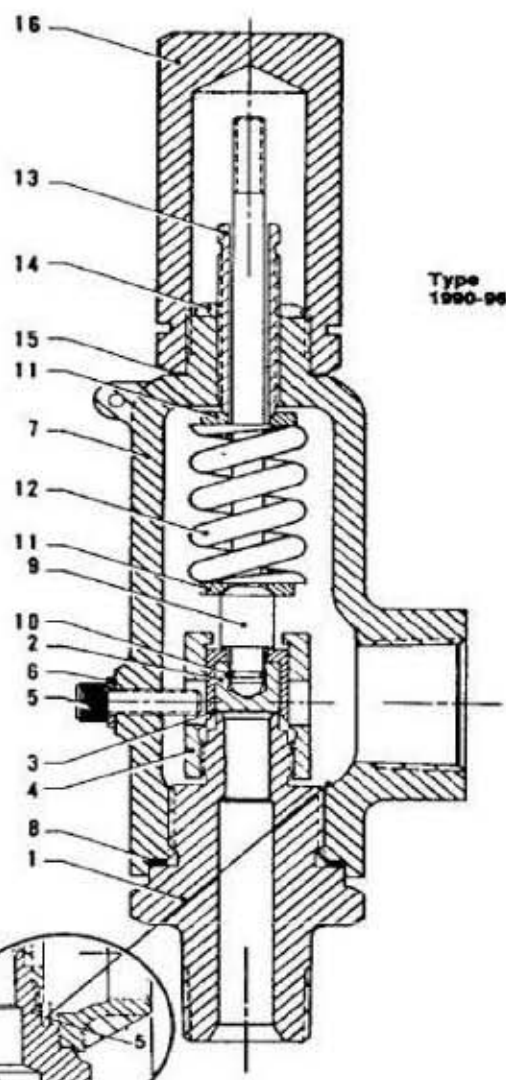
COMPLETE GUIDE CAN BE FOUND IN ORING SELECTION CHART EG-60 - REFER TO SPRING SELECTION CD-ROM OR CONTACT FACTORY

**Discontinued Design - Limited Parts Availability**



# SAFETY RELIEF VALVES CONVENTIONAL DESIGN

1990 - 1998  
2990 - 2998  
3990 - 3998

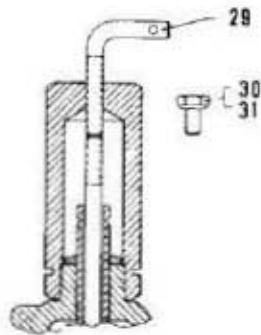


Ref. No.	Part
1.	Base
2.	Disc
3.	Disc Holder
4.	Guide
5.	Guide Pin
6.	Guide Pin Gasket
7.	Bonnet
8.	Bonnet Gasket
9.	Spindle
10.	Spindle Retainer
11.	Spring Washer
12.	Spring, 1990c-98c 1990t-98t
13.	Adjusting Screw
14.	Adj. Screw Lock nut
15.	Cap Gasket
16.	Screwed Cap

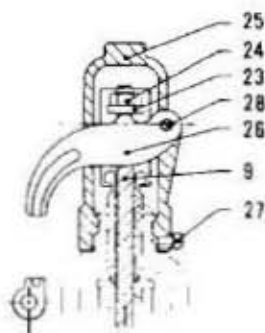
1997-98  
3997-98

Discontinued Design - Limited Parts Availability

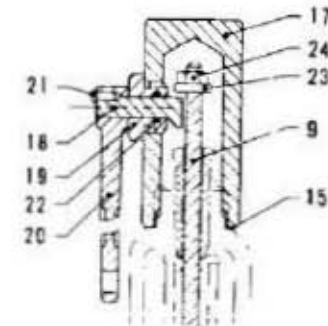
# CAPS



**SCREWED CAP WITH GAG**



**PLAIN CAP**



**PACKED CAP**

Ref. No.	Part
9.	Spindle
15.	Cap Gasket
17.	Packed Cap
18.	Cam Shaft
19.	Bushing
20.	Lever
21.	Drive Pin
22.	O-Ring
23.	Release Nut
24.	Release Lock Nut
25.	Plain Cap
26.	Lifting Lever
27.	Cap Screw
28.	Lever Pin
29.	Gag Bolt
30.	Sealing Plug
31.	Sealing Plug Gasket

# **Recommended Spare Parts - Safety Relief Valves 1990-2990-3990 Portables - Conventional Design**

CLASS	PART NAME	C-CONVENTIONAL	QTY PARTS/SAME VALVES IN SERV. (MINIMUM)	QTY PARTS/SAME VALVES IN SERV. (MAXIMUM)	PREDICTED AVAILABILITY
I.	Disc	C	1 / 3	1 / 1	70%
	Spindle Retainer Ring	C	1 / 5	1 / 3	
	Guide Pin	C	1 / 3	1 / 1	
	Gasket (Set)				
	(1) Cap Gasket	C	1 / 3	1 / 1	
	(2) Guide Pin Gasket	C	1 / 3	1 / 1	
	(3) Bonnet Gasket	C	1 / 3	1 / 1	
II.	Disc Holder	C	1 / 8	1 / 5	85%
	Spindle	C	1 / 8	1 / 5	
	Guide	C	1 / 8	1 / 5	
III.	Spring Assembly				95%
	(1) Spring	C	1 / 8	1 / 5	
	(2) Spring Washer (2)	C	1 / 8	1 / 5	
	Adjusting Screw	C	1 / 8	1 / 5	
IV.	Adjusting Screw Nut	C	1 / 8	1 / 5	99%
	Cap (Select One):				
	1. Screwed	C	1 / 8	1 / 5	
	2. Plain Lever Assembly	C	1 / 8	1 / 5	
	(1) Cap Assembly				
	(2) Release Nut				
	(3) Lock Nut				
	3. Packed Lever Assembly	C	1 / 8	1 / 5	
	(1) Cap Assembly				
	(2) Release Nut				
	(3) Lock Nut				

**SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST**  
**1900 SERIES SRV's**

SRV/SPRL - 1/02  
Effective June, 2002  
Supersedes SRV / SPRL - 1/01  
Dated April, 2001  
Section 11, Page 4

PART DESCRIPTION	1/2"-3/4"-1" 1990-1	3/4"-1995/HP-1	3/4"-1994 h/hp-1	1"-1996 H/HP-1	1" 1993-1 1" 1996-1	1-1/2" 1997-1	2" 1998-1
CLASS I							
1. DISC							
316 SS	4465101	4465103*	4640404*	4640505*	4466501	4463501	4465801
2. SPINDLE RETAINER RING							
Inconel X-750	2410812	2410812	2410812	2410812	2410812	2410802	2410802
3. GUIDE PIN							
316 SS	4639504	4639505	0403101	0403101	4137208	2071726	2071726
4. GASKETS	SEE SEPARATE COMPOSITE GASKET SHEET: SECTION 9 , PAGE 6						
CLASS II							
5. DISC HOLDER							
316 SS	4465201	4465201	4640201	4640301	4466401	4463601	4466001
6. SPINDLE							
316 SS	4465502	4467304**	4640605**	4640602***	4466802	4465601	4465601
7. GUIDE (GAS SERVICE)							
316 SS	4465302	4465302	4468702	4466602	4466602	4463702	4465902
7A. GUIDE (LIQUID SERVICE)	4631102	4631102	4645002	4644902	4631302	4631402	4631502
CLASS III							
8. SPRING	SELECT FROM SPRING CHART						
8A. SPRING WASHER							
Carbon Steel	0405101	4521401	0403201	4463901	4467001	4463901	4463901
9. ADJUSTING SCREW							
316 SS	1022402	1022402	1085107	4466202	1022420	4466202	4466202

\* Stellite

\*\* Inconel X750

\*\*\* Inconel X750 P/N 4640605 For 1996H/HP

\*\*\*\* Use P/N 1085107 for 1996 h/HP

**SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST****1990 SERIES SRV's**

PART DESCRIPTION	1/2"-3/4"-1" 1990-1	3/4"-1995/HP-1	3/4"-1994H/HP-1	1"-1996H-1 1"-1996H/HP-1	1" 1993-1 1" 1996-1	1-1/2" 1997-1	2" 1998-1
10. BASE (SCREWED)							
316 SS (1/2" 1990)	4468801						
(3/4" 1990)	4465001						
(1" 1990)	4468901						
(3/4"1995/HP		4753201					
(1" 1996H)				4640101			
(1" 1996H/HP)				4752901			
10. BASE (SCREWED)							
(3/4" 1994 H/HP)			4753301				
(1" 1996)					4502501		
(11/2" 1997)						4468401	
(2" 1998)							4465701
(1" 1993)					4466301		
(2" 1998)							
CLASS IV							
11. ADJ. SCREW LOCK NUT							
316 SS	0554703	0554703	1077105	1077105	0554703	1077105	1077105
12. CAP	SEE SEPARATE COMPOSITE CAP SHEET: SECTION 9. PAGE 6						
13. BONNET							
Carbon Steel	0405401	0528101	4640701	4640801	4469001	4469301	4709201

**SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST**  
**2990 SERIES SRV's**

SRV/SPRL - 1/02  
Effective June, 2002  
Supersedes SRV / SPRL - 1/01  
Dated April, 2001  
Section 11, Page 6

PART DESCRIPTION	1/2"-3/4"-1" 2990-1	3/4" 2991-1 3/4" 2995-1	3/4" 2994-1	1" 2992-1	1" 2993-1 1" 2996-1	1-1/2" 2997-1 2" 2997-1	2" 2998-1
CLASS I							
1. DISC							
316 SS	4465101	4465101	4465101	4468501	4466501	4463501	4465801
2. SPINDLE RETAINER RING							
Inconel X-750	2410812	2410812	2410812	2410812	2410812	2410802	2410802
3. GUIDE PIN							
316 SS	4137212	4137214	4137212	4137212	4137213	2071726	2071726
4. GASKETS	SEE SEPARATE COMPOSITE GASKET SHEET: SECTION 9, PAGE 6						
CLASS II							
5. DISC HOLDER							
316 SS	4465201	4465201	4465201	4468601	4466401	4463601	4466001
6. SPINDLE							
316 SS	4465502	4467302	4465502	4466802	4466802	4465602	4465602
7. GUIDE							
316 SS	4465302	4465302	4465302	4468702	4466602	4463702	4465902
CLASS III							
8. SPRING	SELECT FROM SPRING CHART						
8A. SPRING WASHERS (2)							
Carbon Steel	0405101	4521401	0405101	4467001	4467001	4463901	4463901
9. ADJUSTING SCREW							
316 SS	1022402	1022402	1022402	1022420	1022420	4466202	4466202

**SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST**  
**2990 SERIES SRV's**

SRV/SPRL - 1/02  
Effective June, 2002  
Supercedes SRV / SPRL - 1/01  
Dated April, 2001  
Section 11, Page 7

PART DESCRIPTION	1/2"-3/4"-1" 2990-1	3/4" 2991-1 3/4" 2995-1	3/4" 2994-1	1" 2992-1	1" 2993-1 1" 2996-1	1-1/2" 2997-1 2" 2997-1	2" 2998-1
10. BASE (SCREWED)							
316 SS (1/2" 2990)	4468801						
(3/4" 2990)	4465001						
(1" 2990)	4468901						
(3/4" 2991)		4467101					
(1" 2992)				4466901			
(1" 2993)					4466301		
316 SS (3/4" 2994)			4502601				
(3/4" 2995)		4502401					
(1" 2996)					4502501		
(1-1/2" 2997)						4468401	
(2" 2997)						4463401	
(2" 2998)							4465701
CLASS IV							
11. ADJ. SCREW LOCK NUT							
316 SS	0554703	0554703	0554703	0554703	0554703	1077105	1077105
12. CAP	SEE SEPARATE COMPOSITE CAP SHEET: SECTION 9, PAGE 6						
13. BONNET							
Carbon Steel	0405401	0528101	0405401	4469001	4469001	4469301	4469301

**SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST**  
**3990 SERIES SRV's**

SRV/SPRL - 1/02  
Effective June, 2002  
Supercedes SRV / SPRL - 1/01  
Dated April, 2001  
Section 11, Page 8

PART DESCRIPTION	1/2"-3/4"-1" 3990-1	1/2" 3999-1	3/4" 3999-1	1" 3996 H-1	1" 3993-1	1-1/2" 3997-1	2" 3998-2
					1" 3996-1		
CLASS I							
1. DISC							
316 SS	4465101	4639101	4639101	4640501	4466501	4463501	4465801
2. SPINDLE RETAINER RING							
Inconel X-750	2410412	2410412	2410412	2410412	2410412	2410402	2410402
3. GUIDE PIN							
316 SS	4639504	4639504	4639504	0403103	4137213	2071726	2071726
4. GASKETS	SEE SEPARATE COMPOSITE GASKET SHEET: SECTION 9, PAGE 6						
CLASS II							
5. DISC HOLDER							
316 SS	4465201	4639301	4639301	4640301	4466401	4463601	4466001
6. SPINDLE							
316 SS	4465502	4639401	4639401	4640602	4466802	4465602	4465602
7. GUIDE (GAS SERVICE)							
316 SS	4465302	4639802	4639802	4466602	4466602	4463702	4465902
7A. GUIDE (LIQUID SERVICE)							
316 SS	4631102	4644802	4644802	4644902	4631302	4631402	4631502
CLASS III							
8. SPRING	SELECT FROM SPRING CHART						
8A. SPRING WASHERS (2)							
316 SS	0405102	4639202	4639202	4463902	4467002	4463902	4463902
9. ADJUSTING SCREW							
316 SS	1022402	1592602	1592602	4466202	1022420	4466202	4466202

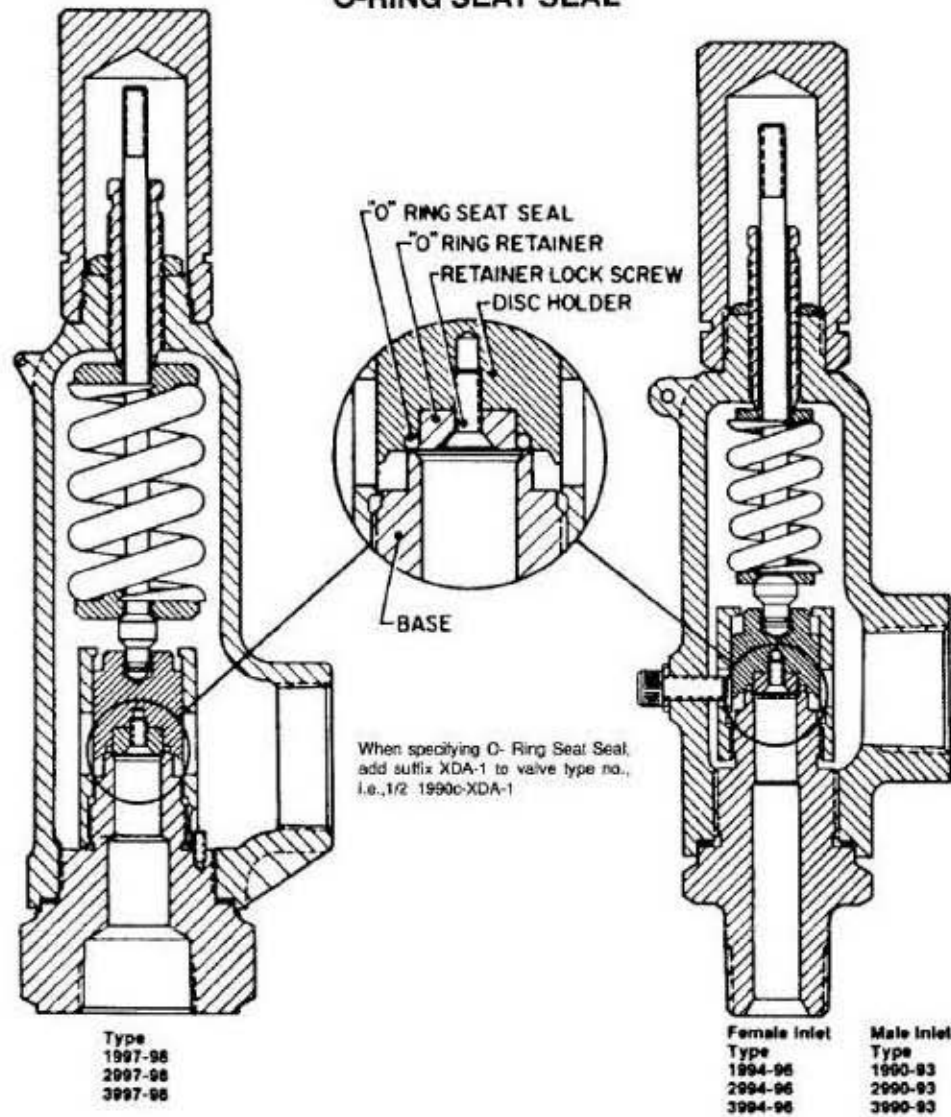


**SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST**  
**3990 SERIES SRV's**

SRV/SPRL - 1/02  
Effective June, 2002  
Supercedes SRV / SPRL - 1/01  
Dated April, 2001  
Section 11, Page 9

PART DESCRIPTION	1/2"-3/4"-1" 3990-1	1/2" 3999-1	3/4"-3999-1	1" 3996 H	1" 3993-1	1-1/2" 3997-1	2"-3998-2
					1" 3996-1		
10. BASE (SCREWED)							
316 SS (1/2" 3990)	4468801						
(3/4" 3990)	4465001						
(1" 3990)	4468901						
(1/2" 3999)		4638901					
(3/4" 3999)			4639001				
(1" 3996 H)				4640101			
316 SS (1" 3993)					4466301		
(1" 3996)					4502501		
(1 1/2" 3997)						4468401	
(2" 3998)							4465701
CLASS IV							
11. ADJ. SCREW LOCK NUT							
316 SS	0554703	0774402	0774402	1077105	0554703	1077105	1077105
12. CAP	SEE SEPARATE COMPOSITE CAP SHEET: SECTION 9, PAGE 6						
13. BONNET							
CF8MSS	0405404	4639602	4639702	4640802	4469002	4469302	4709202

# 1990-2990-3990 SAFETY RELIEF VALVES O-RING SEAT SEAL



**Recommended Spare Parts - Safety Relief Valves**  
**1990-2990-3990 Portables - O-Ring Seat Seal Design**

SRV/SPRL - 1/02  
Effective June, 2002  
Supersedes SRV / SPRL - 1/01  
Dated April, 2001  
Section 12, Page 2

CLASS	PART NAME	OR-O-RING SEAT SEAL	QTY PARTS/SAME VALVES IN SERV. (MINIMUM)	QTY PARTS/SAME VALVES IN SERV. (MAXIMUM)	PREDICTED AVAILABILITY
I.	O-Ring Retainer	OR	1 / 3	1 / 1	70%
	O-Ring Retainer Lock Screw	OR	1 / 3	1 / 1	
	O-Ring (Select)	OR	1 / 3	1 / 1	
	Guide Pin	OR	1 / 3	1 / 1	
	Spindle Retainer	OR	1 / 5	1 / 3	
	Gasket (Set)				
	(1) Cap Gasket	OR	1 / 3	1 / 1	
	(2) Guide Pin Gasket	OR	1 / 3	1 / 1	
	(3) Bonnet Gasket	OR	1 / 3	1 / 1	
II.	Disc Holder	OR	1 / 8	1 / 5	85%
	Spindle	OR	1 / 8	1 / 5	
	Guide	OR	1 / 8	1 / 5	
III.	Spring Assembly				95%
	(1) Spring	OR	1 / 8	1 / 5	
	(2) Spring Washer (2)	OR	1 / 8	1 / 5	
	Adjusting Screw	OR	1 / 8	1 / 5	
IV.	Adjusting Screw Nut	OR	1 / 8	1 / 5	99%
	Cap (Select One):				
	1. Screwed	OR	1 / 8	1 / 5	
	2. Plain Lever Assembly	OR	1 / 8	1 / 5	
	(1) Cap Assembly				
	(2) Release Nut				
	(3) Lock Nut				
	3. Packed Lever Asssembly	OR	1 / 8	1 / 5	
	(1) Cap Assembly				
	(2) Release Nut				
	(3) Lock Nut				

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

1990 SERIES SRV's

O-RING SEAT SEAL DESIGN

\*(PARTS UNIQUE TO THIS DESIGN)

PART DESCRIPTION	1/2"-3/4"-1" 1990-2	3/4" 1995/HP-1	3/4" 1994 H/HP-1	1" 1996H-1 1" 1996H/HP-1	1" 1993-1 1" 1996-1	1-1/2" 1997-1	2" 1998-1
CLASS I							
1. O-RING RETAINER							
316 SS	4844101	4494001	4653701	4653201	4494201	4474801	4494101
2. O-RING RETAINER LOCK SCREW							
18-8 SS	2420513	2420513	2420503	2420502	2420505	2420504	2420504
3. O-RING			SEE SEPARATE COMPOSITE O-RING SHEET				
CLASS II							
4. DISC HOLDER							
316 SS	4844201	4473801	4653101	4653301	4474301	4474601	4475001
5. SPINDLE							
316 SS	4473901	4586903	4653403	4653402**	4474402	4474702	4474702
CLASS III							
6. BASE (SCREWED)							
316 SS (1/2" 1990)	4844501						
(3/4" 1990)	4844301						

\*All classes of parts common to O-Ring Seat Seal Design and Metal Seat can be found in Section 11.

\*\* Use P/N 4653403 for 1996H/HP Valve

**\*(PARTS UNIQUE TO THIS DESIGN)**

[illegible]

**\*All classes of parts common to O-Ring Seat Seal Design and Metal Seat can be found in, Section 11.**

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

2990 SERIES SRV's

O-RING SEAT SEAL DESIGN

\*(PARTS UNIQUE TO THIS DESIGN)

PART DESCRIPTION	1/2"-3/4"-1" 2990-1	3/4" 2991-1 3/4" 2995-1	3/4" 2994-1	1" 2992-1	1" 2993-1 1" 2996-1	1-1/2" 2997-1 2" 2997-1	2" 2998-1
CLASS I							
1. O-RING RETAINER							
316 SS	4494001	4494001	4494001	4493901	4494201	4474801	4494101
2. O-RING RETAINER LOCK SCREW							
18-8 SS	2420513	2420513	2420513	2420502	2420505	2071726	2071726
3. O-RING	SEE SEPARATE COMPOSITE O-RING SHEET						
CLASS II							
4. DISC HOLDER							
316 SS	4473801	4473801	4473801	4474101	4474301	4474601	4475001
5. SPINDLE							
316 SS	4586902	4586902	4473902	4474402	4474702	4474702	4474402
CLASS III							
6. BASE (SCREWED)							
316 SS (1/2" 2990)	4475701						
(3/4" 2990)	4473701						
(1" 2990)	4475601						

\*All classes of parts common to O-Ring Seat Seal Design and Metal Seat can be found in Section 11

**SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST****2990 SERIES SRV's****O-RING SEAT SEAL DESIGN****\*(PARTS UNIQUE TO THIS DESIGN)**

PART DESCRIPTION	1/2"-3/4"-1" 2990-1	3/4" 2991-1 3/4" 2995-1	3/4" 2994-1	1" 2992-1	1" 2993-1 1" 2996-1	1-1/2" 2997-1 2" 2997-1	2" 2998-1
6. BASE (SCREWED)							
316 SS (3/4" 2991)		4503101					
(1" 2992)				4474001			
(1" 2993)					4474201		
(3/4" 2994)			4502801				
(3/4" 2995)		4502901					
(1" 2996)					4503001		
(1-1/2" 2997)						4475801	
(2" 2997)						4474501	
(2" 2998)							4474901

\*All classes of parts common to O-Ring Seat Seal Design and Metal Seat can be found in Section 11

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

3990 SERIES SRV's

O-RING SEAT SEAL DESIGN

\*(PARTS UNIQUE TO THIS DESIGN)

PART DESCRIPTION	1/2"-3/4"-1" 3990-2	1/2" 3999-1	3/4" 3999-1	1" 3996H-1	1" 3993-1 1" 3996-1	1-1/2" 3997-1	2" 3998-1
CLASS I							
1. O-RING RETAINER							
316 SS	4844101			4653201	4494201	4474801	4494101
2. O-RING RETAINER LOCK SCREW							
18-8 SS	2420513			2420502	2420505	2420504	2420504
3. O-RING			SEE SEPARATE COMPOSITE O-RING SHEET				
CLASS II							
4. DISC HOLDER							
316 SS	4844201			4653301	4474301	4474601	4475001
5. SPINDLE							
316 SS	4473902			4653401	4474402	4474402	4474702
CLASS IV							
6. BASE (SCREWED)							
316 SS (1/2" 3990)	4844501						
(3/4" 3990)	4844301						
(1" 3990)	4844401						

\*All classes of parts common to O-Ring Seat Seal Design and Metal Seat can be found in Section 11



## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

3990 SERIES SRV's

O-RING SEAT SEAL DESIGN

\*(PARTS UNIQUE TO THIS DESIGN)

PART DESCRIPTION	1/2"-3/4"-1" 3990-2	1/2" 3999-1	3/4" 3999-1	1" 3996H-1	1" 3993-1 1" 3996-1	1-1/2" 3997-1	2" 3998-1
6. BASE (SCREWED)							
316 SS (1/2" 3999)							
(3/4" 3999)							
(1" 3996H)				4653601			
(1" 3993)					4474201		
(1" 3996)					4503001		
(1 1/2" 3997)						4475801	
(2" 3998)							4474901

\*All classes of parts common to O-Ring Seat Seal Design and Metal Seat can be found in Section 11

**O-RING COMPOSITE SHEET****1990-2990-3990- SERIES SRV's****O-Ring Seat Seal Design****\*(Parts Unique to this Design)**

Supersedes SRV / SPRL - 1/01

Dated April, 2001

Section 12, Page 9

ORIFICE SIZE	NITRILE/BUNA N			SILICONE			FLUORO-CARBON		TEFLON	KALREZ 4079
	**50	70	90	50	70		70	90		
1990-94-95 2990-94-95 3990-94-95	31007012	31018012	31008012	31011012	31012012		31022012	31005012	31006012	31014012
1992-2992-3992				31011014	31012014		31022014	31005014	31006014	31014014
1993-96 2993-96 3993-96			31008114	31011114		31016114	31022114	31005114	31006114	31014114
1997-2997-3997	31007116		31008116	31011116	31012116		31022116	31005116	31006116	31014116
1998-2998-3998				31011119			31022119	31005119		

ORIFICE SIZE	ETHYLENE - PROPOLYENE			NEOPRENE		
	**50	70	90	50	70	
1990-94-95 2990-94-95 3990-94-95	31001012	31019012	31002012	31009012	31010010	
1992-2992-3992				31009014	31010014	
1993-96 2993-96 3993-96			31002114	31009094		
1997-2997-3997	31001116		31002116	31009096	31010116	
1998-2998-3998				31009099		

COMPLETE GUIDE CAN BE FOUND IN ORING  
SELECTION CHART EG-60 - REFER TO SPRING  
SELECTION CD-ROM OR CONTACT FACTORY

\*All classes of parts common to O-Ring Seat Seal Design and Metal Seat Design can be found on pages 1-19, Section 3.

\*\*These Numbers indicate durometer (Hardness) of material.

Discontinued Design - Limited Parts Availability

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 19000 SERIES SRV

-1 DESIGN

FOR -2 DESIGN SEE SECTION 5(a)

LOW PRESSURE DESIGN - METAL SEAT								
PART DESCRIPTION	1/2 x 1-19096L	3/4 x 1-19096L	1 x 1-19096L	3/4 x 1-19126L	1 x 1-19126L	1 x 1 1/2-19226L	1 1/2 x 2-19357L	2 x 2 1/2-19567L
CLASS I								
1. DISC								
316 SS	4839701	4839701	4839701	4840101	4840101	4840201	4839901	4840001
2. CAP GASKET								
SOFT IRON	3610103	3610103	3610103	3610103	3610103	3610103	3620101	3620101
CLASS II								
3. DISC HOLDER								
316 SS	4840301	4840301	4840301	4840701	4840701	4840801	4840501	4840601
4. SPINDLE								
316 SS	4840901	4840901	4840901	4840901	4840901	4841101	4841301	4841301
5. GUIDE								
316 SS	4837201	4837201	4837201	4837401	4837401	4838401	4837601	4837801
CLASS III								
6. SPRING	SELECT FROM SPRING CHART							
6A. SPRING WASHER								
CARBON STEEL	4842501 (2)	4842501 (2)	4842501 (2)	4842501 (2)	4842501 (2)	4842601 (2)	4842701 (2)	4842701 (2)
7. ADJUSTING SCREW								
316 SS	5009801	5009801	5009801	5009801	5009801	5009801	4466202	4466202
8. BASE - MNPT								
316 SS	4838201	4838601	4838801	4841701	4841901	4838901	N/A	N/A
8. BASE - FNPT								
316 SS	N/A	4831801	N/A	4831901	N/A	4839001	4839101	4839201

All quantities are one except as noted in ( ).

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

**19000 SERIES SRV**  
-1 DESIGN  
FOR -2 DESIGN SEE SECTION 5(a)

LOW PRESSURE DESIGN - METAL SEAT								
PART DESCRIPTION	1/2 x 1-19096L	3/4 x 1-19096L	1 x 1-19096L	3/4 x 1-19126L	1 x 1-19126L	1 x 1 1/2-19226L	1 1/2 x 2-19357L	2 x 2 1/2-19567L
8. BASE - SW								
316 SS	4904201	4904301	4904401	4904501	4904601	4904701	4904801	4904901
8. BASE - 150# R.F.								
316 SS*	4931201	4931901	4932101	4932301	4932401	4932501	4932901	4933001
8. BASE - 300# R.F.								
316 SS*	4934601	4934701	4934801	4934901	4935001	4935101	4935201	4935301
CLASS IV								
9. ADJ. SCREW LOCK NUT								
316 SS	0554703	0554703	0554703	0554703	0554703	0554703	1077105	1077105
10. CAPS & LEVERS								
10A. CAP-SCREWED								
CARBON STEEL	4808901	4808901	4808901	4808901	4808901	4808901	4039111	4039111
10B. CAP-PLAIN LEVER								
CARBON STEEL	4890601	4890601	4890601	4890601	4890601	4890601	0343601	0343601
10C. CAP-PACKED LEVER								
CARBON STEEL	4890801	4890801	4890801	4890801	4890801	4890801	4514601	4514601
10D. RELEASE NUT-PLAIN								
CARBON STEEL	1050701	1050701	1050701	1050701	1050701	1050701	4466101	4466101
10E. RELEASE NUT-PACKED								
CARBON STEEL	4810101	4810101	4810101	4810101	4810101	4810101	4466101	4466101
10F. REL. L/NUT - PKD & PLN								
CARBON STEEL	2210110	2210110	2210110	2210110	2210110	2210110	2210103	2210103

\* 316 SS BASE & EXTENSION W/CARBON STEEL FLANGE

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 19000 SERIES SRV

-1 DESIGN

FOR -2 DESIGN SEE SECTION 5(a)

MEDIUM PRESSURE DESIGN - METAL SEAT								
PART DESCRIPTION	1/2 x 1-19096M	3/4 x 1-19096M	1 x 1-19096M	3/4 x 1-19126M	1 x 1-19126M	1 x 1 1/2-19226M	1 1/2 x 2-19357M	2 x 2 1/2-19567M
CLASS I								
1. DISC								
316 SS	4839701	4839701	4839701	4840101	4840101	4840201	4839901	4840001
2. CAP GASKET								
SOFT IRON	3610103	3610103	3610103	3610103	3610103	3610103	3620101	3620101
CLASS II								
3. DISC HOLDER								
Inconel X-750	4840305	4840305	4840305	4840705	4840705	4840895	4840505	4840605
4. SPINDLE								
Inconel X-750	4840405	4840405	4840405	4840405	4840405	4841005	4842105	4842105
5. GUIDE								
316 SS	4839301	4839301	4839301	4961101	4961101	4961601	4961801	4961901
CLASS III								
6. SPRING		SELECT FROM SPRING CHART - SEE COMPOSITE SPRING PRICE LIST						
6A. SPRING WASHER								
CARBON STEEL	4842201 (2)	4842201 (2)	4842201 (2)	4842201 (2)	4842201 (2)	4890401(2)	4890401(2)	4842401 (2)
7. ADJUSTING SCREW								
316 SS	4842001	4842001	4842001	4842001	4842001	4842001	4866202	4866202
8. BASE - MNPT								
316 SS	4843401	4843501	4843601	4841401	4841501	4843701	N/A	N/A
8. BASE - FNPT								
316 SS	N/A	4832001	N/A	4832101	N/A	4843801	4874501	4874601

All quantities are one except as noted in ( ).

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 19000 SERIES SRV

-1 DESIGN

FOR -2 DESIGN SEE SECTION 5(a)

MEDIUM PRESSURE DESIGN - METAL SEAT								
PART DESCRIPTION	1/2 x 1-19096M	3/4 x 1-19096M	1 x 1-19096M	3/4 x 1-19126M	1 x 1-19126M	1 x 1 1/2-19226M	1 1/2 x 2-19357M	2 x 2 1/2-19567M
8. BASE - SW								
316 SS	4905001	4905101	4905201	4905301	4905401	4905501	4905601	4905701
8. BASE - 300# R.F.								
316 SS *	4933101	4933201	4933301	4933401	4933501	4933601	4933701	4933801
8. BASE - 600# R.F.								
316 SS*	4933101	4933201	4933301	4933401	4935001	4933601	4936201	4936401
8. BASE - 900# R.F.								
316 SS *	4936501	4936601	4936701	4936801	4936901	4937001	4937101	4937201
8. BASE - 1500# R.F.								
316 SS *	4936501	4936601	4936701	4936801	4936901	4937001	4937101	4937201
CLASS IV								
9. ADJ. SCREW LOCK NUT								
316 SS	4834101	4834101	4834101	4834101	4834101	4834101	1077105	1077105
10. CAPS & LEVERS								
10A. CAP-SCREWED								
CARBON STEEL	4808901	4808901	4808901	4808901	4808901	4808901	4039111	4039111
10B. CAP-PLAIN LEVER								
CARBON STEEL	4890601	4890601	4890601	4890601	4890601	4890601	0343601	0343601
10C. CAP-PACKED LEVER								
CARBON STEEL	4890801	4890801	4890801	4890801	4890801	4890801	4514601	4514601
10D. RELEASE NUT-PLAIN								
CARBON STEEL	1050701	1050701	1050701	1050701	1050701	1050701	4466101	4466101
10E. RELEASE NUT-PACKED								
CARBON STEEL	4810101	4810101	4810101	4810101	4810101	4810101	4466101	4466101
10F. REL. L/NUT - PKD & PLN								
CARBON STEEL	2210110	2210110	2210110	2210110	2210110	2210110	2210103	2210103

\*316 SS BASE & EXTENSION W/CARBON STEEL FLANGE

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 19000 SERIES SRV

-1 DESIGN

FOR -2 DESIGN SEE SECTION 5(a)

HIGH PRESSURE DESIGN - METAL SEAT								
PART DESCRIPTION	3/4 x 1-19096H	3/4 x 1-19126H	1 x 1 1/2-19226H					
CLASS I								
1. DISC								
Inconel X-750	4839705	4840105	4840205					
2. CAP GASKET								
SOFT IRON	3610103	3620101	3620101					
CLASS II								
3. DISC HOLDER								
Inconel X-750	4964301	4964401	4964501					
4. SPINDLE								
Inconel X-750	4839801	4841201	4891701					
5. GUIDE								
316 SS	4838701	4961401	4961501					
CLASS III								
6. SPRING	SELECT FROM SPRING CHART							
6A. SPRING WASHER								
CARBON STEEL	4890401 (2)	4890501 (2)	4890501 (2)					
7. ADJUSTING SCREW								
316 SS	4842001	0269703	0269703					
8. BASE - FNPT								
316 SS W/STELLITE SEAT	4843901	4841601	4841801					
8. BASE - SW								
316 SS W/STELLITE SEAT	4905801	4905901	4906001					

All quantities are one except as noted in ( ).

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 19000 SERIES SRV

-1 DESIGN

FOR -2 DESIGN SEE SECTION 5(a)

HIGH PRESSURE DESIGN - METAL SEAT								
PART DESCRIPTION	3/4 x 1-19096H	3/4 x 1-19126H	1 x 1 1/2-19226H					
8. BASE - 1500# R.F.								
316 SS W/STELLITE SEAT *	4938101	4938201	4938301					
8. BASE - 2500# R.F.								
316 SS W/STELLITE SEAT *	4938401	4938501	4938601					
CLASS IV								
9. ADJ. SCREW LOCK NUT								
316 SS	4834101	0263103	0263103					
10. CAPS & LEVERS								
10A.CAP-SCREWED								
CARBON STEEL	4808901	4039111	4039111					
10B.CAP-PLAIN LEVER								
CARBON STEEL	4890601	0343601	0343601					
10C.CAP-PACKED LEVER								
CARBON STEEL	4890801	4514601	4514601					
10D. RELEASE NUT-PLAIN								
CARBON STEEL	1050701	4466101	4466101					
10E. RELEASE NUT-PACKED								
CARBON STEEL	4810101	4466101	4466101					
10F. REL. L/NUT - PKD & PLN								
CARBON STEEL	2210110	2210103	2210103					

\* 316 SS BASE & EXTENSION W/CARBON STEEL FLANGE



## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 19000 SERIES SRV

-1 DESIGN

FOR -2 DESIGN SEE SECTION 5(a)

HIGH PRESSURE DESIGN - METAL SEAT								
PART DESCRIPTION	3/4 x 1-19096H	3/4 x 1-19126H	1 x 1 1/2-19226H					
CLASS I								
1. DISC								
Inconel X-750	4839705	4840105	4840205					
2. CAP GASKET								
SOFT IRON	3610103	3620101	3620101					
CLASS II								
3. DISC HOLDER								
Inconel X-750	4964301	4964401	4964501					
4. SPINDLE								
Inconel X-750	4839801	4841201	4891701					
5. GUIDE								
316 SS	4838701	4961401	4961501					
CLASS III								
6. SPRING	SELECT FROM SPRING CHART							
6A. SPRING WASHER								
CARBON STEEL	4890401 (2)	4890501 (2)	4890501 (2)					
7. ADJUSTING SCREW								
316 SS	4842001	0269703	0269703					
8. BASE - FNPT								
316 SS W/STELLITE SEAT	4843901	4841601	4841801					
8. BASE - SW								
316 SS W/STELLITE SEAT	4905801	4905901	4906001					

All quantities are one except as noted in ( ).

## SAFETY RELIEF VALVE SPARE PARTS REFERENCE LIST

### 19000 SERIES SRV

-1 DESIGN

FOR -2 DESIGN SEE SECTION 5(a)

HIGH PRESSURE DESIGN - METAL SEAT								
PART DESCRIPTION	3/4 x 1-19096H	3/4 x 1-19126H	1 x 1 1/2-19226H					
8. BASE - 1500# R.F.								
316 SS W/STELLITE SEAT *	4938101	4938201	4938301					
8. BASE - 2500# R.F.								
316 SS W/STELLITE SEAT *	4938401	4938501	4938601					
CLASS IV								
9. ADJ. SCREW LOCK NUT								
316 SS	4834101	0263103	0263103					
10. CAPS & LEVERS								
10A.CAP-SCREWED								
CARBON STEEL	4808901	4039111	4039111					
10B.CAP-PLAIN LEVER								
CARBON STEEL	4890601	0343601	0343601					
10C.CAP-PACKED LEVER								
CARBON STEEL	4890801	4514601	4514601					
10D. RELEASE NUT-PLAIN								
CARBON STEEL	1050701	4466101	4466101					
10E. RELEASE NUT-PACKED								
CARBON STEEL	4810101	4466101	4466101					
10F. REL. L/NUT - PKD & PLN								
CARBON STEEL	2210110	2210103	2210103					
11. BONNET - FNPT								
CARBON STEEL	4843101	4836701	4836801					

\* 316 SS BASE & EXTENSION W/CARBON STEEL FLANGE

