

APPLICATION:

Regulation of inlet pressure to gas compressors. Control of supply or distribution system pressure

FEATURES:

- Tight shut-off
- Single soft seat
- Removable valve seat
- Minimum maintenance
- All internal parts can be removed with valve in line
- Single-point adjustment of setpoint
- Utilizes downstream pressure as actuation pressure
- Efficient 3-way plug accurately maintains setpoint

CERTIFICATIONS:

Canadian Registration Number (CRN):

0C16234.24567890NTY (Ductile)

0C15604.24567890NTY (Steel)

Kimray is an ISO 9001- certified manufacturer.

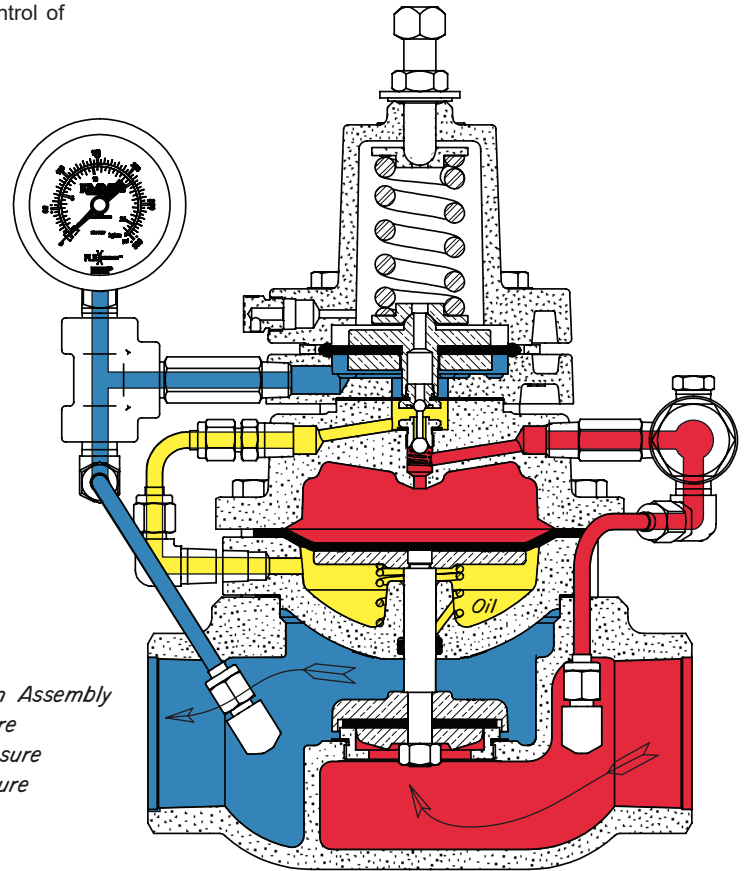
CLASSIFICATIONS:

Non-Bleed / Intermittent Vent

SET POINT DRIFT RATIO:

8:1

-  Pilot Assembly
-  Motor Valve Stem Assembly
-  Upstream Pressure
-  Downstream Pressure
-  Diaphragm Pressure



	Standard Configuration Code †	Order Code	Line Size	Connection Type	Oper. Press. psig	Max. W.P. psig ††	Cv	Cf
Ductile	RPR1SADF1S	AKF	1"	NPT	10-300	300	13.2	0.74
	RPR2SADF1S	ABU	2"	NPT	10-300	300	47.0	0.84
	RPR2ARDF1S	ABW		150RF	10-250	250		
	RPR3SADF1S	ABX	3"	NPT	10-300	300	117	0.75
	RPR3ARDF1S	ABY		150RF	10-250	250		
	RPR4SADF1S	ACA	4"	NPT	10-300	300	210	0.75
	RPR4ARDF1S	ACB		150RF	10-250	250		
	RPR4ARDF1S	ACC	6"	150RF	10-250	250	480	0.75
Steel	RPR1SAWF1S	AKG	1"	NPT	10-300	300	13.2	0.74
	RPR2ARWF1S	AGG	2"	150RF	10-285	285	47.0	0.84
	RPR3ARWF1S	AGH	3"	150RF	10-285	285	117	0.75
	RPR4ARWF1S	AGI	4"	150RF	10-285	285	210	0.75
	RPR6ARWF1S	AGJ	6"	150RF	10-285	285	480	0.75

NOTES:

For standard & optional seals, metals, Cf Cv values, material specifications & dimensions see technical data on pages 06:I - 06:IV

† For Corrosive service remove last "S" & replace with "C"

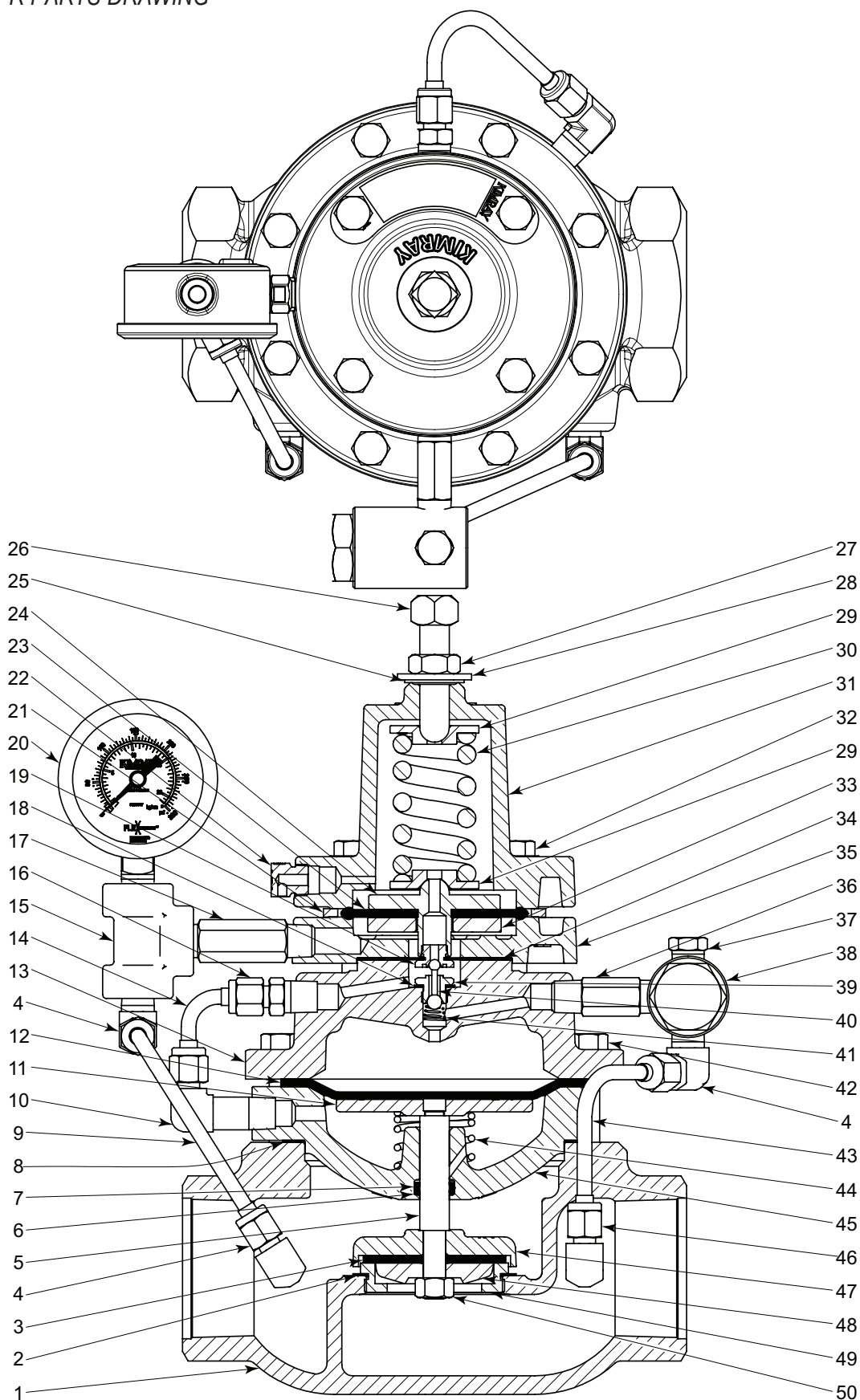
† For code builder see page 06:00.2

†† Max W.P. values based on -20°F to 100°F.

PRESSURE REGULATORS

DUCTILE GAS PRESSURE REDUCING MODEL PR PARTS DRAWING

KIMRAY INC.



All Pictures shown are for illustration purpose only. Actual product may vary due to product enhancement.

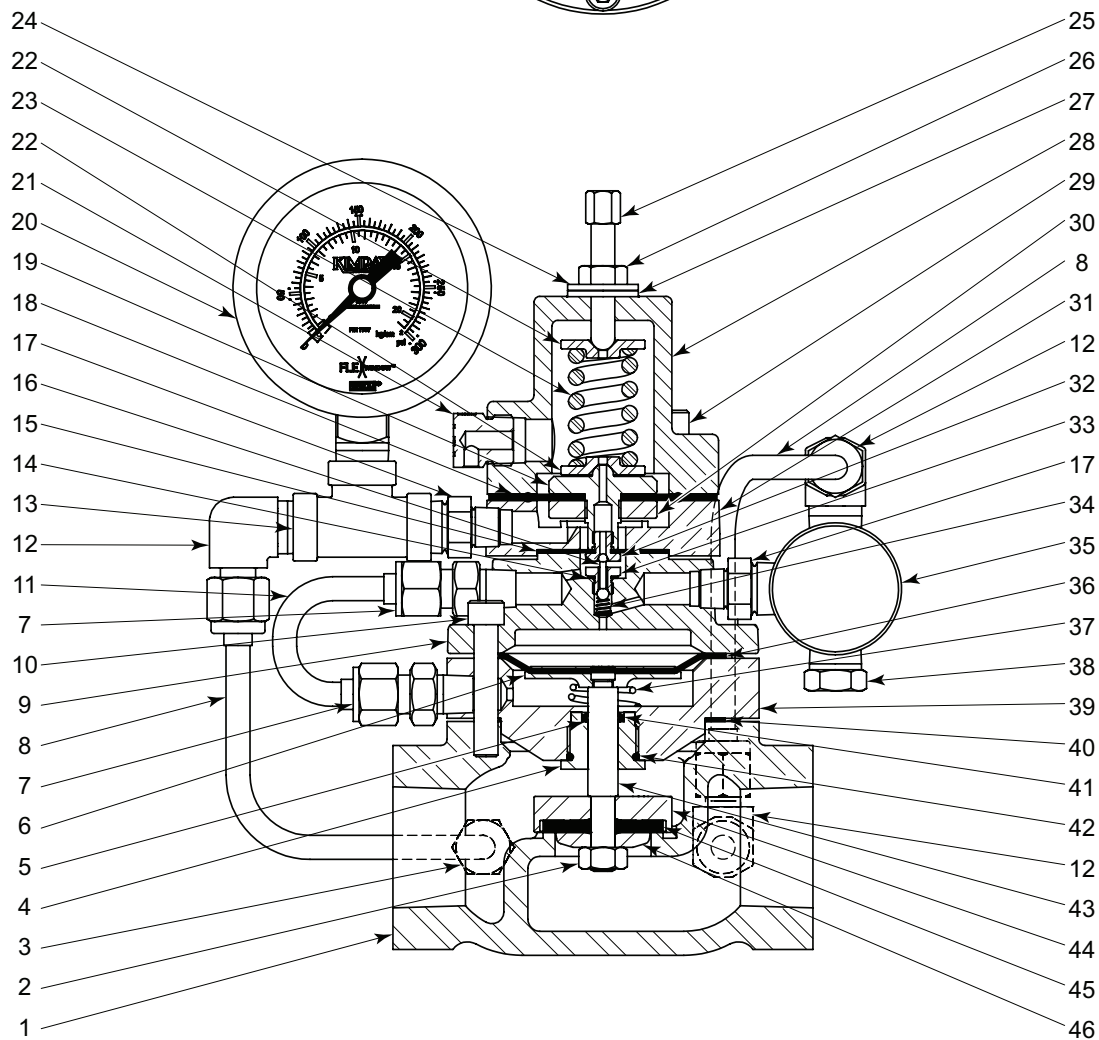
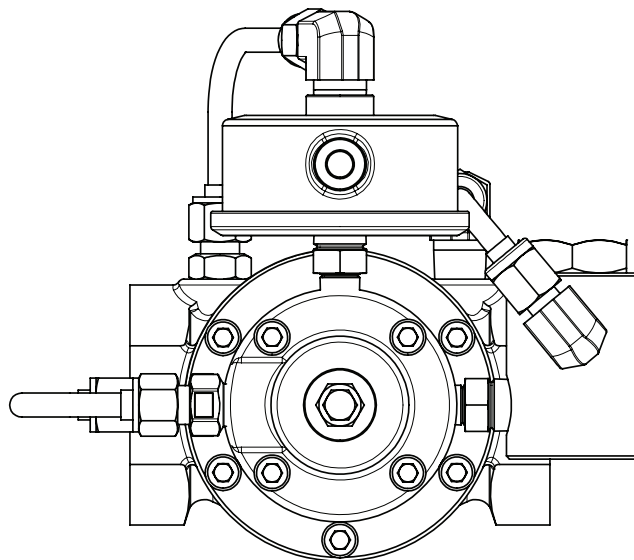
DUCTILE GAS PRESSURE REDUCING MODEL PR PARTS LIST

ITEM	QTY.	DESCRIPTION	PART NUMBER										
			STANDARD					CORROSIVE					
			1 INCH	2 INCH	3 INCH	4 INCH	6 INCH	1 INCH	2 INCH	3 INCH	4 INCH	6 INCH	
1	1	Body											
		NPT Thru	2033	1709	1634	2001	----	2033 ±	1709 ±	1634 ±	2001 ±	----	
		150RF Thru	----	1913	1914	2002	2466	----	1913 ±	1914 ±	2002 ±	2466 ±	
		Grooved Thru	----	2964	----	----	----	----	2964 ±	----	----	----	
2	1	Gasket	*	----	276	277	196	279	----	276	277	196	279
3	1	Seat	Standard*	163HSN	164HSN	165HSN	166HSN	167HSN	163HSN	164HSN	165HSN	166HSN	167HSN
			Reduced*	163HSN	164HSN	1230HSN	164HSN	165HSN	163HSN	164HSN	1230HSN	164HSN	165HSN
4	3	Elbow			875					875SS6			
5	1	Valve	Standard	137	138	139	140	141	137SS6	138SS6	139SS6	140SS6	141SS6
		Stem	Reduced	137	138	1222SS6	1223SS6	1224SS6	137SS6	138SS6	1222SS6	1223SS6	1224SS6
6	2	Back Up	*	148T	149T	150T	151T	152T	148T	149T	150T	151T	152T
7	1	O-Ring	*	153	154	155	156	157	153	154	155	156	157
8	1	Gasket	*	195	196	197	198	199	195	196	197	198	199
9	1	Tubing		123SS6	216SS6	217SS6	4251S6	218SS6	123SS6	216SS6	217SS6	4251S6	218SS6
10	1	Elbow		1605		875		1481	1605SS6		875SS6		1481SS6
	1	Connector		----	----	----	----	874	----	----	----	----	874SS6
	1	Nipple		----	----	----	----	262	----	----	----	----	262SS6
11	1	Diaphragm Plate		132SS6	133	134	135	136	132SS6	133	134	135	136
12	1	Diaphragm	*	127	1706	1640	2015	2140	127	1706	1640	2015	2140
13	1	Upper Housing		4015	1703	1639	2004	2178	4015SS6	1703 ±	1639 ±	2004 ±	2178 ±
14	1	Tubing		1378SS6	4008SS6	213SS6	4011SS6	2529SS6	1378SS6	4008SS6	213SS6	4011SS6	2529SS6
15	1	Tee		219		2000			219SS6		2000SS6		
16	1	Connector		1604		874			1604SS6		874SS6		
17	1	Nipple		6890		648			6890S6		648SS6		
18	1	Gasket	*	3018		118			3018		118		
19	1	Pilot Seat	*	3016		113			3016SS6		113SS6		
20	1	Pressure Gauge			7707					7707			
21	1	Spacer Ring	*	----		7437			----		7437		
22	1	Vent Plug			147					147SS6			
23	1	Diaphragm	*	3011P		5259P			3011P		5259P		
24	1	Diaphragm Plate		4014		116			4014SS6		116SS6		
25	1	Thread Seal	*	4542		4488			4542		4488		
26	1	Adjusting Screw		6976		5163			6976S6		5163SS6		
27	1	Nut		1676		2377			1676SS6		2377SS6		
28	1	Washer	*	4543		4491			4543		4491		
29	2	Spring Guide		4484SS6		2612			4484SS6		2612SS6		
30	1	Spring		4323		2611			4323		2611		
31	1	Bonnet		4525		2610			4525 ±		2610 ±		
32	4	Bolt		6972		907			6972		907		
33	1	Diaph. Nut		3010		107			3010SS6		107SS6		
34	1	Diaphragm	*	3014		110			3014		110		
35	1	Pilot Housing		3013		1701			3013SS6		1701 ±		
36	1	Nipple		6890	262	2600	648		6890S6	262SS6	2600SS6	648SS6	
37	1	Plug			699					699SS6			
38	1	1/4 F30 Filter			YAS					YASSS6			
39	1	Pilot Seat	*	3015		565			3015SS6		565SS6		
40	1	Pilot Plug	*	3017		112			3017		112		
41	1	Spring	*	3008		108			3008		108HAC		
42	(QTY)	Bolt		4318 (6)	965 (8)	907(10)	907 (12)	2142 (16)	4318 (6)	965 (8)	907(10)	907 (12)	2142 (16)
43	1	Tubing		123S6	1638SS6	1826SS6	1383SS6	2247SS6	123S6	1638SS6	1826SS6	1383SS6	2247SS6
44	1	Spring		1358	1388	7132	1529	1575	1358	1388	7132	1529	1575
45	1	Lower Housing		142	1704	1632	145	146	142 ±	1704 ±	1632 ±	145 ±	146 ±
46	1	Elbow		874	875	874		1481	874SS6	875SS6	874SS6		1481SS6
47	1	Seat	Standard	158	159	160	161	162	158SS6	2493SS6	2494SS6	2495SS6	2961SS6
		Disc	Reduced	158	159	1229	159	160	158SS6	2493SS6	2585SS6	2493SS6	2494SS6
48	1	Ratio	Standard	176SS6	177SS6	178	179	180	176SS6	177SS6	3076SS6	3078SS6	3079SS6
		Plug	Reduced	4932	4933	1228SS6	177SS6	178	4932SS6	4933SS6	1228SS6	177SS6	3076SS6
49	1	Rem.	Standard	----	272K	273K	274K	275K	----	2496SS6K	2497SS6K	2498SS6K	3075SS6K
		Seat	Reduced	----	4934K	1219DK	1220DK	1221K	----	4934SS6K	1219SS6K	1220SSK	1221SS6K
50	1	Nut	Standard*	172	173	906		175	172SS6	173SS6	174SS6		175SS6
			Reduced*	172		173		906	172SS6		173SS6		174SS6
51	2	Lifting Ring (not shown)		----	----	7559		----	----		7559		----
Repair Kits			RYD	RYG	RYK	RYO	RYR	± Coated Parts available with "E" shell material					
								RYGS6	RYKS6	RYOS6	RYRS6	RDJS6	
* These parts are recommended spare parts and are stocked as repair kits.													

PRESSURE REGULATORS

1 INCH STEEL GAS PRESSURE REDUCING MODEL PR PARTS DRAWING

KIMRAY INC.



All Pictures shown are for illustration purpose only. Actual product may vary due to product enhancement.

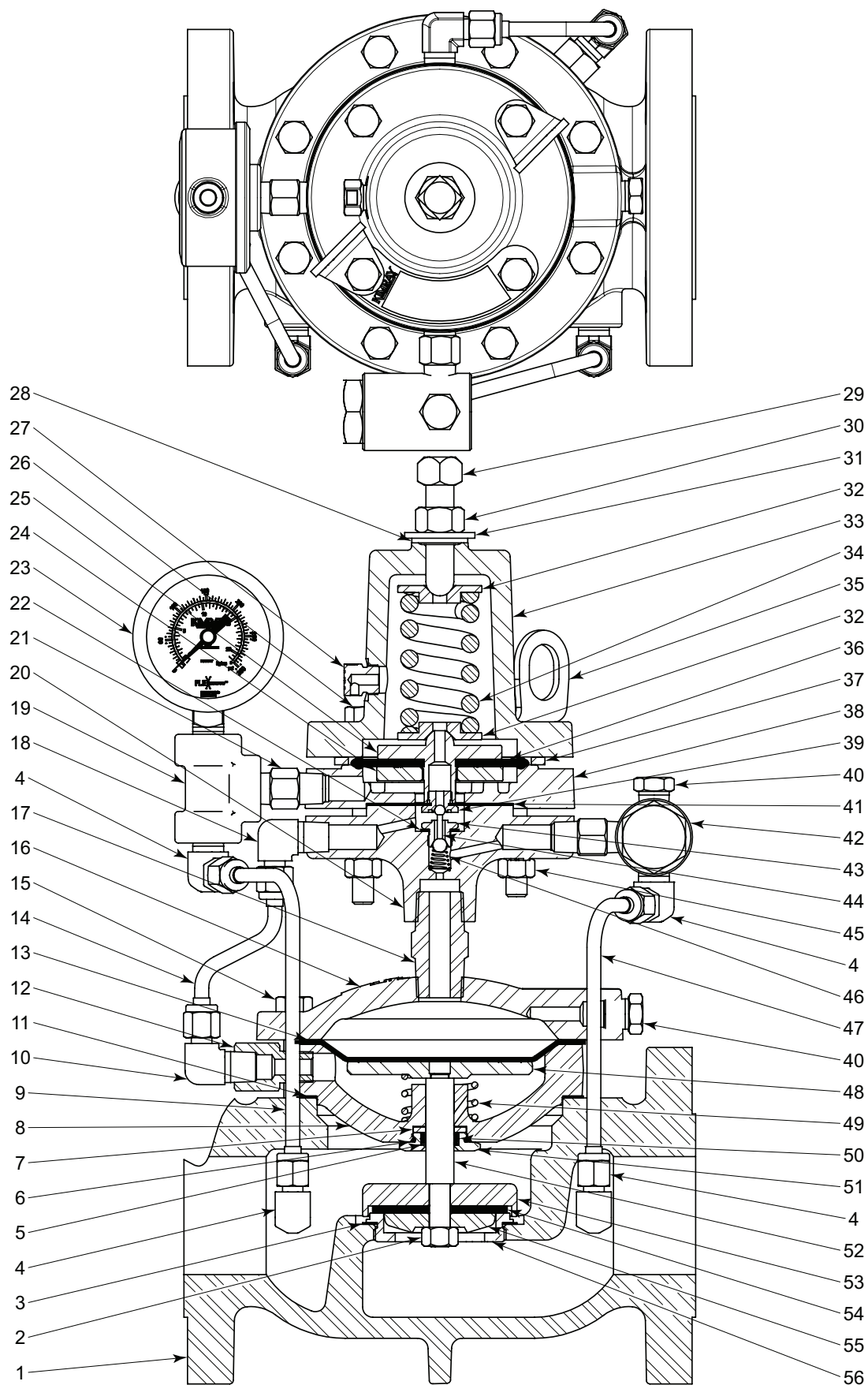
1 INCH STEEL GAS PRESSURE REDUCING MODEL PR PARTS LIST

ITEM	QTY.	DESCRIPTION	PART NUMBER	
			STANDARD	CORROSIVE
1	1	Body		
		NPT Thru	4942	4942 ‡
		150RF Thru	5292	5292
2	1	Nut *	172	172SS6
3	2	Nipple	6890	6890S6
4	1	Bushing *	4632A	4632A
5	1	Seal *	4551C	4551C
6	1	Diaphragm Plate	132SS6	132SS6
7	3	Connector	1604	1604SS6
8	2	Tubing	123SS6	123SS6
9	1	Upper Housing	4015	4015SS6
10	6	Bolt	4318	4318
11	1	Tubing	4008SS6	4008SS6
12	3	Elbow	875	875SS6
13	1	Tee	219	219SS6
14	1	Gasket *	3018	3018
15	1	Diaphragm *	3014	3014
16	1	Pilot Plug *	3017	3017
17	2	Nipple	6890	6890S6
18	1	Diaphragm *	3011P	3011P
19	1	Diaphragm Plate	4014	4014SS6
20	1	Pressure Gauge	7707	7707
21	1	Breather Plug	147	147SS6
22	2	Spring Guide	4484SS6	4484SS6
23	1	Spring	4323	4323
24	1	Washer *	4543	4543
25	1	Adjusting Screw	6976	6976S6
26	1	Nut	1676	1676SS6
27	1	Thread Seal *	4542	4542
28	1	Bonnet	4525	4525 ‡
29	4	Bolt	6972	6972
30	1	Diaph. Nut	3010	3010SS6
31	1	Pilot Housing	3013	3013SS6
32	1	Pilot Seat *	3016	3016SS6
33	1	Pilot Seat *	3015	3015SS6
34	1	Spring *	3008	3008
35	1	1/4 F30 Filter	YAS	YASSS6
36	1	Diaphragm *	127	127
37	1	Spring	1358S	1358S
38	1	Plug	699	699SS6
39	1	Lower Housing	4632	4632 ‡
40	1	Gasket *	195	195
41	1	O-Ring *	153V	153V
42	1	O-Ring *	4552	4552
43	1	Valve Stem	137	137SS6
44	1	Seat Disc	158	158SS6
45	1	Seat *	163HSN	163HSN
46	1	Standard Ratio Plug	176SS6	176SS6
		Reduced Ratio Plug	4932	4932SS6
‡ Coated Parts available with "E" shell material				
		Repair Kits	RYE	RYES6
* These parts are recommended spare parts and are stocked as repair kits.				

PRESSURE REGULATORS

STEEL GAS PRESSURE REDUCING MODEL PR PARTS DRAWING

KIMRAY INC.



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STEEL GAS PRESSURE REDUCING MODEL PR PARTS LIST

ITEM	QTY.	DESCRIPTION		PART NUMBER							
				STANDARD				CORROSIVE			
				2 INCH	3 INCH	4 INCH	6 INCH	2 INCH	3 INCH	4 INCH	6 INCH
1	1	Body		2468	2469	2470	2959	2468 ±	2469 ±	2470 ±	2959 ±
2	1	Nut	Standard * Reduced *	173	906		175	173SS6	174SS6		175SS6
3	1	Gasket	*	276	277	196	279	173SS6		174SS6	
4	4	Ell		875				276	277	196	279
5	2	Back Up	*	149T	150T	151T	152T	875SS6			
6	1	O-Ring	*	5225	5226	5227	4086	149T	150T	151T	152T
7	1	Spacer		4557DS6	4561DS6	4566DS6	4571DS6	5225	5226	5227	4086
8	1	Lower Housing		2481	2482	2483	2957	4557DS6	4561DS6	4566DS6	4571DS6
9	1	Tubing		2505SS6	2552SS6	2529SS6	4306SS6	2481 ±	2482 ±	2483 ±	2957 ±
10	1	Ell / Connector		875				874	2505SS6	2552SS6	2529SS6
11	1	Gasket	*	196	197	198	199	875SS6		874SS6	
12	1	Adapter		7244				196	197	198	199
		Nipple		----				7244SS6			
		Elbow		----				----			
13	1	Diaphragm	*	1706	1640	2015	2140	648SS6			
14	1	Tubing		2511SS6	4011SS6		2529SS6	1481226			
15	(QTY)	Bolt		965 (8)	907(10)	907 (12)	2142 (16)	1706	1640	2015	2140
16	1	Bonnet		2487	2488	2489	2956	2511SS6	4011SS6		2529SS6
17	1	Nipple		2516				965 (8)	907(10)	907 (12)	2142 (16)
18	1	Ell / Connector		875		874		2487 ±	2488 ±	2489 ±	2956 ±
19	1	Tee		2000				2516SS6			
20	1	Base		2515				875SS6		874SS6	
21	2	Nipple		648				2000SS6			
22	1	Gasket	*	118				2515 ±			
23	1	Pressure Gauge		7707				648SS6			
24	1	Diaphragm Nut		107				118			
25	1	Diaphragm Plate		116				7707			
26	4	Bolt		1232				107SS6			
27	1	Breather Plug		147				116SS6			
28	1	Thread Seal	*	4488				1232			
29	1	Adjusting Screw		2613				147SS6			
30	1	Nut		2377				4488			
31	1	Washer	*	4491				2613SS6			
32	2	Spring Guide		2612				2377SS6			
33	1	Bonnet		2671				4491			
34	1	Spring		2611				2612SS6			
35	2	Lifting Ring		7559		----		2671 ±			
36	1	Diaphragm	*	5259P				7559		----	
37	1	Spacer Ring	*	7437				5259P			
38	1	Pilot Housing		2514				7437			
39	1	Pilot Seat	*	113				2514 ±			
40	2	Plug		699				113SS6			
41	1	Diaphragm	*	110				699SS6			
42	1	1/4 F30 Filter		YAS				110			
43	1	Pilot Seat	*	565				YASSS6			
44	1	Pilot Plug	*	112				565SS6			
45	4	Nut		241				112			
46	1	Spring	*	108				241SS6			
47	1	Tubing		2505SS6	4011SS6	2529SS6	5061SS6	108HAC			
48	1	Diaphragm Plate		2490	2491	2492	2958	2505SS6	4011SS6	2529SS6	5061SS6
49	1	Spring		1388	7132	1529	1575	2490SS6	2491SS6	2492SS6	2958SS6
50	1	O-Ring	*	154	807	156	157	1388	7132	1529	1575
51	1	Retainer		4557ES6	4561ES6	4566ES6	4571ES6	154	807	156	157
52	1	Valve Stem	Standard	138	139	140	141	4557ES6	4561ES6	4566ES6	4571ES6
			Reduced	138	1222SS6	1223SS6	1224SS6	138SS6	139SS6	140SS6	141SS6
53	1	Seat Disc	Standard	2493SS6	2494SS6	2495SS6	2961SS6	138SS6	1222SS6	1223SS6	1224SS6
			Reduced	2493SS6	2585SS6	2493SS6	2494SS6	2493SS6	2494SS6	2495SS6	2961SS6
54	1	Seat	Standard *	164HSN	165HSN	166HSN	167HSN	2493SS6	2585SS6	2493SS6	2494SS6
			Reduced *	164HSN	1230HSN	164HSN	165HSN	164HSN	165HSN	166HSN	167HSN
55	1	Ratio Plug	Standard	177SS6	178	179	3079SS6	164HSN	1230HSN	164HSN	165HSN
			Reduced	4933	1228SS6	177SS6	178	177SS6	3076SS6	3078SS6	3079SS6
56	1	Removable Seat	Standard	2496SS6K	2497SS6K	2498SS6K	3075SS6K	4933SS6	1228SS6	177SS6	3076SS6
			Reduced	4934SS6K	1219SS6K	1220SSK	1221SS6K	2496SS6K	2497SS6K	2498SS6K	3075SS6K
				± Coated Parts available with "E" shell material							
Repair Kits				RYG	RYK	RYO	RYR	RYGS6	RYKS6	RYOS6	RYRS6
				* These parts are recommended spare parts and are stocked as repair kits.							

Table 1 - Flow Coefficient(Cv) at % stem travel for Pilot-operated Regulators											
1" Pressure Regulator											
Trim Size in.(mm)	Cf	Valve Opening Percentage									
		10	20	30	40	50	60	70	80	90	100
1/2 in (12mm) Reduced	0.75	0.4	0.7	0.9	1.3	1.8	2.5	3.2	3.9	4.5	5
1 in (25mm) Full Port	0.74	1.1	1.8	2.4	3.4	4.8	6.6	8.5	10.2	11.9	13.2
2" Pressure Regulator											
Trim Size in. (mm)	Cf	Valve Opening Percentage									
		10	20	30	40	50	60	70	80	90	100
1 1/4 in (31 mm) Reduced	0.75	1.8	2.8	3.9	5.4	7.7	10.5	13.6	16.2	19.0	21.0
2 in Removable Full Port *	0.84	4.0	6.2	8.6	12.1	17.2	23.5	30.4	36.3	42.5	47.0
2 in (50 mm) Full Port *	0.75	4.4	6.9	9.5	13.4	19.1	26.0	33.6	40.2	47.0	52.0
3" Pressure Regulator											
Trim Size in. (mm)	Cf	Valve Opening Percentage									
		10	20	30	40	50	60	70	80	90	100
1 5/8 in (66 mm) Reduced	0.82	2.9	4.5	6.2	8.8	12.5	17.0	22.0	26.3	30.7	34.0
3 in (76 mm) Full Port	0.75	9.9	15.6	21.5	30.2	42.9	58.6	75.7	90.4	105.7	117.0
4" Pressure Regulator											
Trim Size in. (mm)	Cf	Valve Opening Percentage									
		10	20	30	40	50	60	70	80	90	100
2 in (50 mm) Reduced	0.80	4.7	7.3	10.1	14.2	20.2	27.5	35.6	42.5	49.7	55.0
4 in (100 mm) Full Port	0.75	17.8	27.9	38.6	54.2	77.0	105.2	135.9	162.2	189.8	210.0
6" Pressure Regulator											
Trim Size in. (mm)	Cf	Valve Opening Percentage									
		10	20	30	40	50	60	70	80	90	100
3 in (76 mm) Reduced	0.80	10.2	16.0	22.0	30.9	44.0	60.1	77.7	92.7	108.4	120.0
6 in (152 mm) Full Port	0.75	40.6	63.8	88.1	123.8	176.0	240.4	310.6	370.7	433.7	480.0

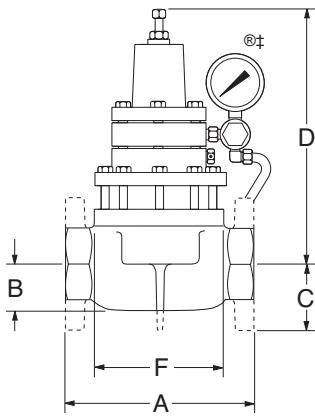
Kimray flow equations conform to ANSI/ISA - 75.01.01-2002

Kimray inherent flow characteristics conform to ANSI/ISA 75.11.01 -1985

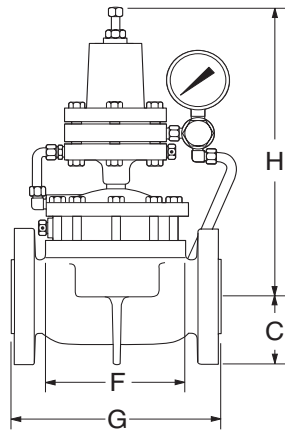
PRESSURE REGULATORS

DIMENSIONS

KIMRAY INC.



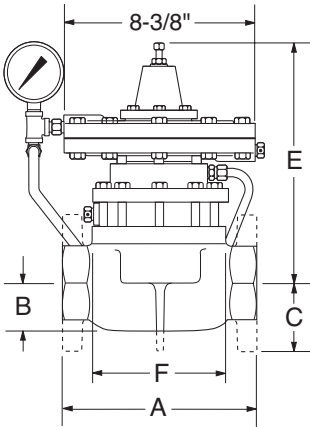
DUCTILE



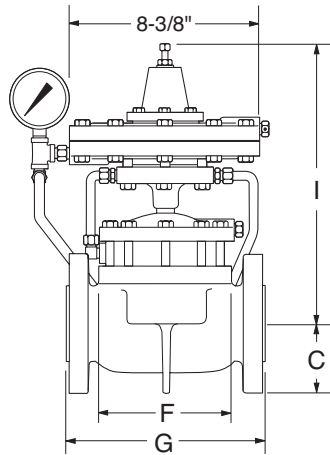
STEEL

Back Pressure
Back Pressure Vacuum
Liquid Back Pressure
Pressure Reducing
Pressure Reducing Vacuum
Pressure Reducing-Balanced
Pressure Differential

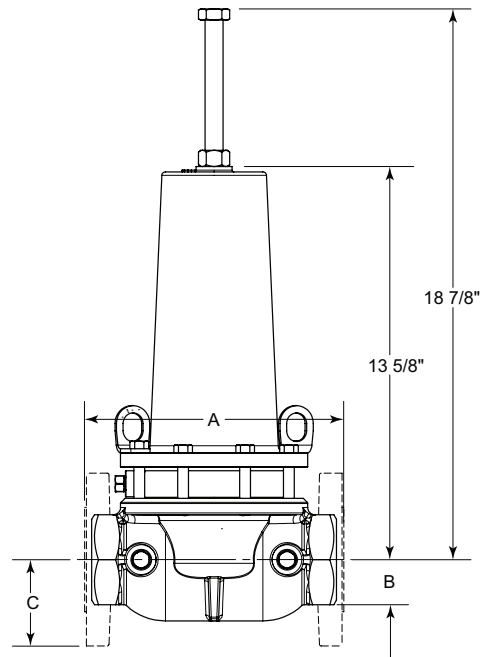
Low Pressure Back Pressure
Ounces Back Pressure To Vacuum
Ounces Pressure Reducing
Ounces Pressure Reducing Vacuum
Vacuum Back Pressure To Vacuum



DUCTILE



STEEL



Spring Loaded

LINE SIZE	BODY SIZE	A	B	C	D *	E	F	G	H *	I
1"	NPT	4 3/8"	1 1/8"		7 1/2"	11 5/8"	3 1/4"			
	FLANGED	7 1/4"	1 1/8"	2 1/8"	7 1/2"	11 5/8"	3 1/4"			
2"	NPT	8 1/2"	2 1/8"		11 1/2"	10 1/2"	6 1/2"			
	FLANGED	9"		3"	11 1/2"	10 1/2"	6 1/2"	9 1/8"	14 1/2"	14"
	GROOVED	8 3/4"	2 1/8"		11 1/2"	10 1/2"	6 1/2"			
250 S/FGT	NPT							10 1/2"		
	FLANGED							10 3/8"		
3"	NPT	12 1/16"	3 1/16"		13"	12"	8 1/2"			
	FLANGED	12 3/16"		3 3/4"	13"	12"	8 1/2"	12 3/8"	16 1/2"	15 1/2"
4"	NPT	15" 1/16	4"		14 1/2"	13 3/16"	10 1/2"			
	FLANGED	15 1/16"		4 1/2"	14 1/2"	13 3/16"	10 1/2"	15 1/16"	18 1/2"	16 11/16"
6"	FLANGED	22"		5 1/2"	17"	17 7/8"	16"	21 15/16"	20 1/2"	18 3/8"

FLANGE DIMENSIONS ARE ANSI 125/150 STANDARD. *Add 7/8" to Pressure Reducing Balanced and Up Stream Differential Pressure Regulators for this dimension.

All Pictures shown are for illustration purpose only. Actual product may vary due to product enhancement.
‡ Configuration of Back Pressure Control Valve is a trademark of Kimray, Inc.

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Table 2 - Seal Options

Part	Standard Material	Optional Material
Seat	HSN	FKM, AFLAS®
O-rings	Nitrile	HSN, FKM, AFLAS®
All Diaphragms	Nitrile	HSN, FKM, AFLAS®

Table 3 - Seal Specifications

		NITRILE	HIGHLY SATURATED NITRILE	FKM	AFLAS®
Resistance	Kimray Suffix	-	HSN	V	AF
	Abrasion	G	G-E	G	G
	Acid	F	G-E	G-E	E
	Chemical	F	F	E	E
	Cold	G	G	P	P
	Flame	P	P	E	E
	Heat	G	E	E	E
	Oil	G-E	E	E	E
	Ozone	P	G	G-E	E
	Set	G	G	G-E	P
	Tear	F	F	F	P
	Water/Steam	F	E	P	G
	Weather	F	G	E	E
	CO2	F-G	G	G	G
	H2S	P	F	P	E
	Methanol	F	E	P	P
Properties	Dynamic	G	G	G	G
	Electrical	F	F	F	G-E
	Impermeability	G	G	G	G
	Tensile Strength	G	G-E	G	F
Temp. Range		-20° to +250°F	-20° to +300°F	-15° to +400°F	+15° to +450°F
		-29° to +121°C	-29° to +149°C	-26° to +204°C	-9° to +232°C
RATINGS: P-POOR, F-FAIR, G-GOOD, E-EXCELLENT					

Table 4 - Material Options

Part Description	Valve Size	Standard Material	Corrosive Material
Ratio Plug	1" & 2"	316 Powdered Metal SS-316NI-25	
	1" & 2" Reduced Trim	Alloy Steel (ASTM A108)	316SS (ASTM A479)
	3"	Powdered Metal F-008	316SS (ASTM A479)
	4" & 6"	Ductile (ASTM A395)	316SS (ASTM A479)
Seat Disc	1"	Powdered Metal F-008	316SS (ASTM A479)
	2", 3" & 4"	Ductile (ASTM A395)	316SS (ASTM A351 CF8M)
	6"	Ductile (ASTM A395)	316SS (ASTM A 240)
Stem	1" thru 6"	303SS (ASTM A582)	316SS (ASTM A479)
Body	1" thru 6"	Ductile (ASTM A395)	Ductile (ASTM A395) + Kimcoat
	2" thru 6"	WCB (ASTM A216)	WCB (ASTM A216) + Kimcoat
Tubing	1" thru 6"	304SS (ASTM A249)	316SS (ASTM A213)
Removable Seat	2" thru 6" Ductile Body	Ductile (ASTM A395)	316SS (ASTM A351 CF8M)
	2" thru 6" Steel Body	316SS (ASTM A351 CF8M)	

PRESSURE REGULATORS



CODE BUILDER

STANDARD PRESSURE R SERIES

Series:

R = Pressure Regulator

Model:

Line Size:

1 = 1 NPS
2 = 2 NPS
3 = 3 NPS
4 = 4 NPS
6 = 6 NPS

End Connection:

SA = FNPT
AR = 150RF Flange
GV = Grooved (2 NPS only)

Shell Material:

D = Ductile Iron
E = Ductile Iron w/Coating
W = Steel (WCB)
X = Steel (WCB) w/Coating

Inner Valve Size:

F = Full Port
R = Reduced Port

Control Range:

1 = 10 - 300 psig Spring

Service Type:

S = Standard
C = Corrosive

BP = Back Pressure

BN = Back Pressure Non - Vent

BV = Back Pressure Vacuum

FB = Back Pressure Outside Supply

PR = Pressure Reducing

RN = Pressure Reducing Non - Vent

FR = Pressure Reducing Outside Supply

RB = Pressure Reducing Balanced

PN = Pressure Reducing Balanced Non - Vent

DP = Differential Pressure

PA = Pneumatically Adjusted

R BP 2 SA D F 1 S

Options: Additional cost and lead times will apply

If multiple options required input in sequential order

Leave blank if no options required

1 = NACE Certification (Corrosive Option Only)
2 = Hydrostatic Test Certification
3 = MTR (Shell Components)
A = AFLAS Elastomers
H = HSN Elastomers
V = FKM Elastomers
X = Export (Hydrostatic test, MTR & 3.1)

Not all selections available on all products listed.
See the following product pages for available options

06:10.1 - 06:10.7, 06:20.1 - 06:20.5,
06:30.1 - 06:30.3, 06:40.1 - 06:40.5,
06:50.1 - 06:50.7, 06:60.1 - 06:60.5,
06:70.1 - 06:70.5, 06:80.1 - 06:80.5,