GAS PRESSURE REDUCING
MODEL PR

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:

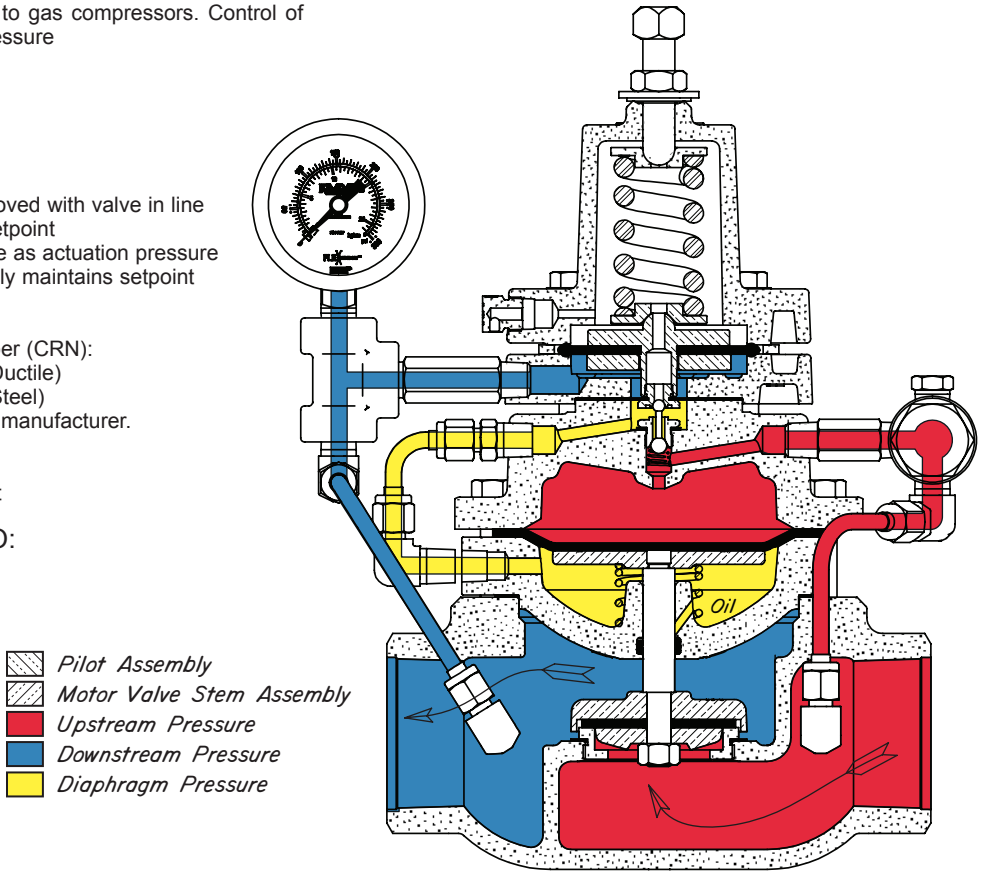
Canadian Registration Number (CRN):
0C16234.24567890NTY (Ductile)
0C15604.24567890NTY (Steel)
Kimray is an ISO 9001- certified manufacturer.

CLASSIFICATIONS:

Non-Bleed / Intermittent Vent

SET POINT DRIFT RATIO:

8:1





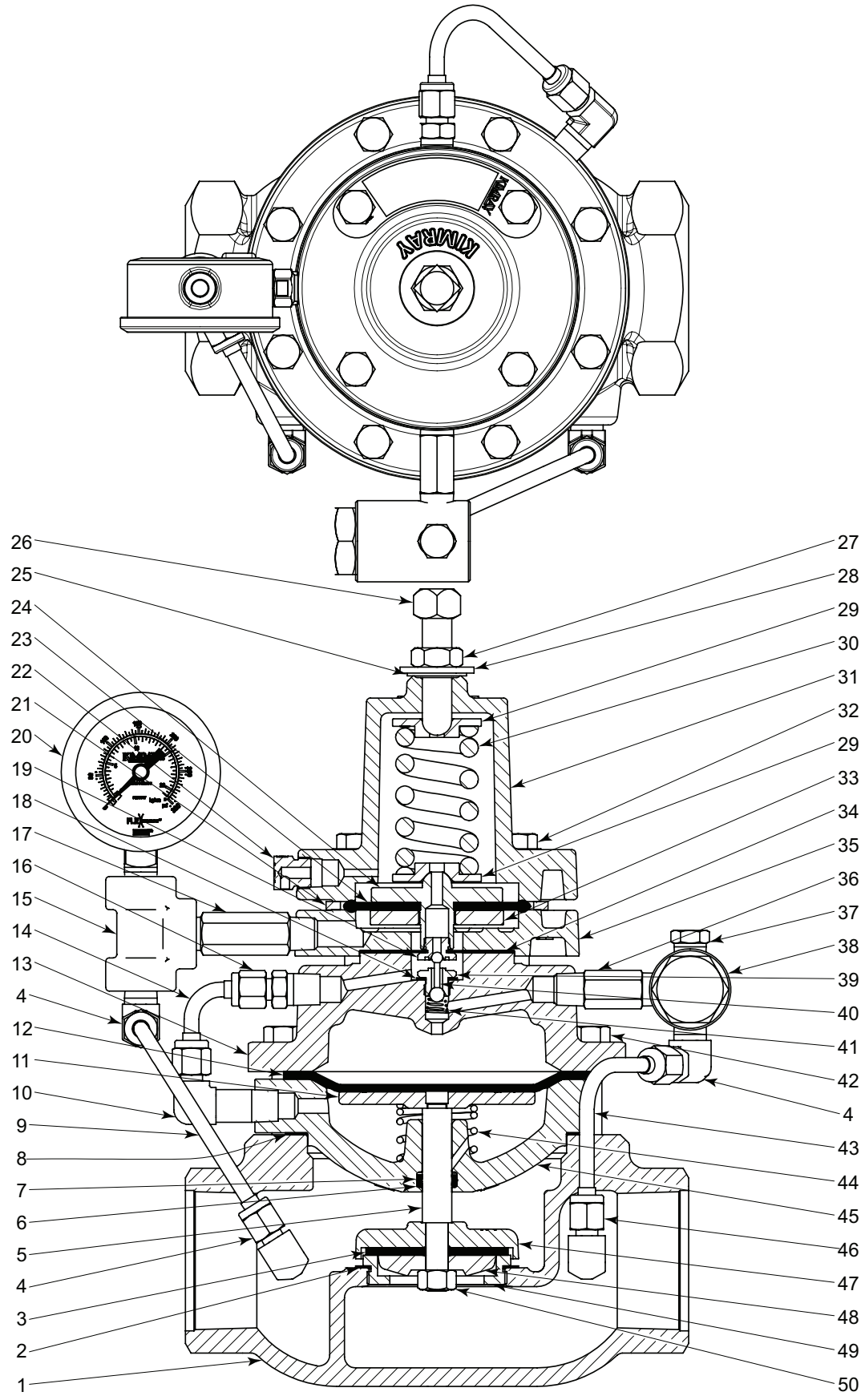
	Standard Configuration Code †	Order Code	Line Size	Connection Type	Oper. Press. psig	Max. W.P. psig ††	Cv	Cf
Ductile	RPR1SADF1S	AKF	1"	NPT	10-300	300	13.2	0.74
	RPR2SADF1S	ABU	2"	NPT	10-300	300	47.0	0.84
	RPR2ARDF1S	ABW		150RF	10-250	250		
	RPR3SADF1S	ABX	3"	NPT	10-300	300	117	0.75
	RPR3ARDF1S	ABY		150RF	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.

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

DUCTILE GAS PRESSURE REDUCING
MODEL PR PARTS DRAWING

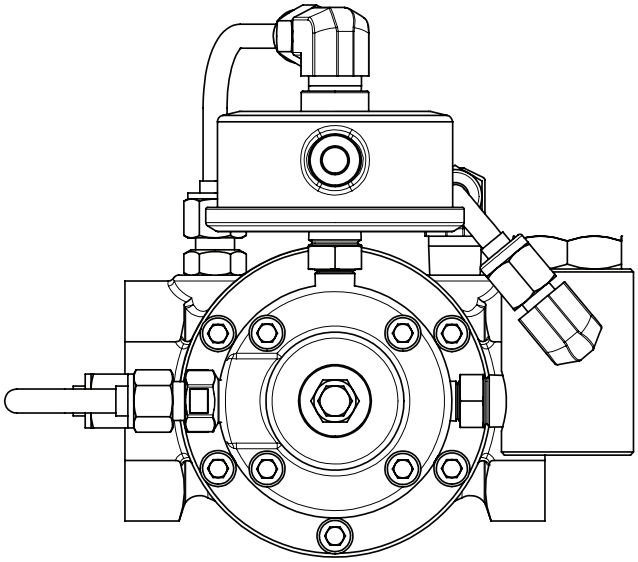


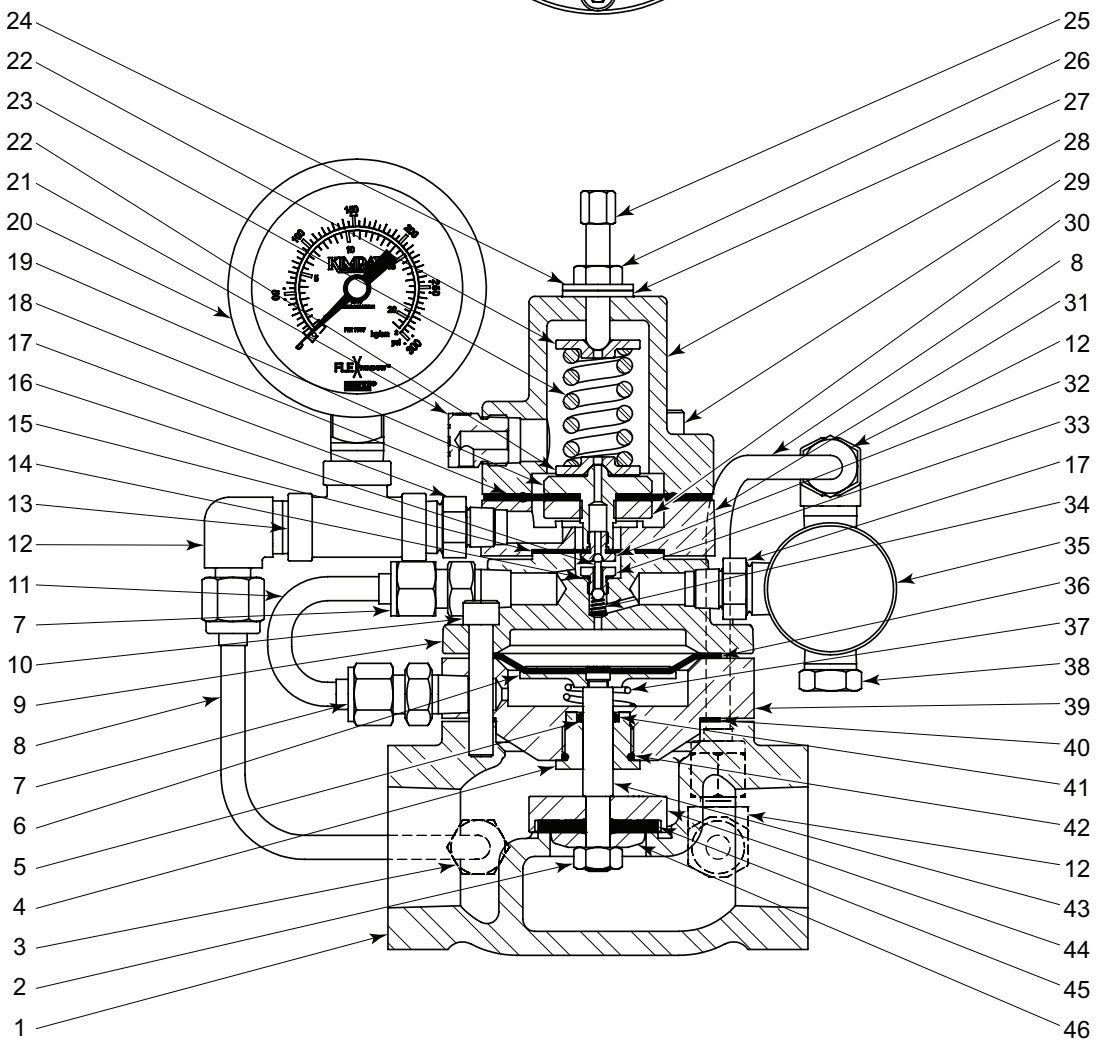
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DUCTILE GAS PRESSURE REDUCING
MODEL PR PARTS LIST

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 Stem	Standard	137	138	139	140	141	137SS6	138SS6	139SS6	140SS6	141SS6
			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 Disc	Standard	158	159	160	161	162	158SS6	2493SS6	2494SS6	2495SS6	2961SS6
			Reduced	158	159	1229	159	160	158SS6	2493SS6	2585SS6	2493SS6	2494SS6
48	1	Ratio Plug	Standard	176SS6	177SS6	178	179	180	176SS6	177SS6	3076SS6	3078SS6	3079SS6
			Reduced	4932	4933	1228SS6	177SS6	178	4932SS6	4933SS6	1228SS6	177SS6	3076SS6
49	1	Rem. Seat	Standard	----	272K	273K	274K	275K	----	2496SS6K	2497SS6K	2498SS6K	3075SS6K
			Reduced	----	4934K	1219DK	1220SSK	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		----
									‡ Coated Parts available with "E" shell material				
Repair Kits				RYD	RYG	RYK	RYO	RYR	RYGS6	RYKS6	RYOS6	RYRS6	RDJS6
				* These parts are recommended spare parts and are stocked as repair kits.									

1 INCH STEEL GAS PRESSURE REDUCING
MODEL PR PARTS DRAWING





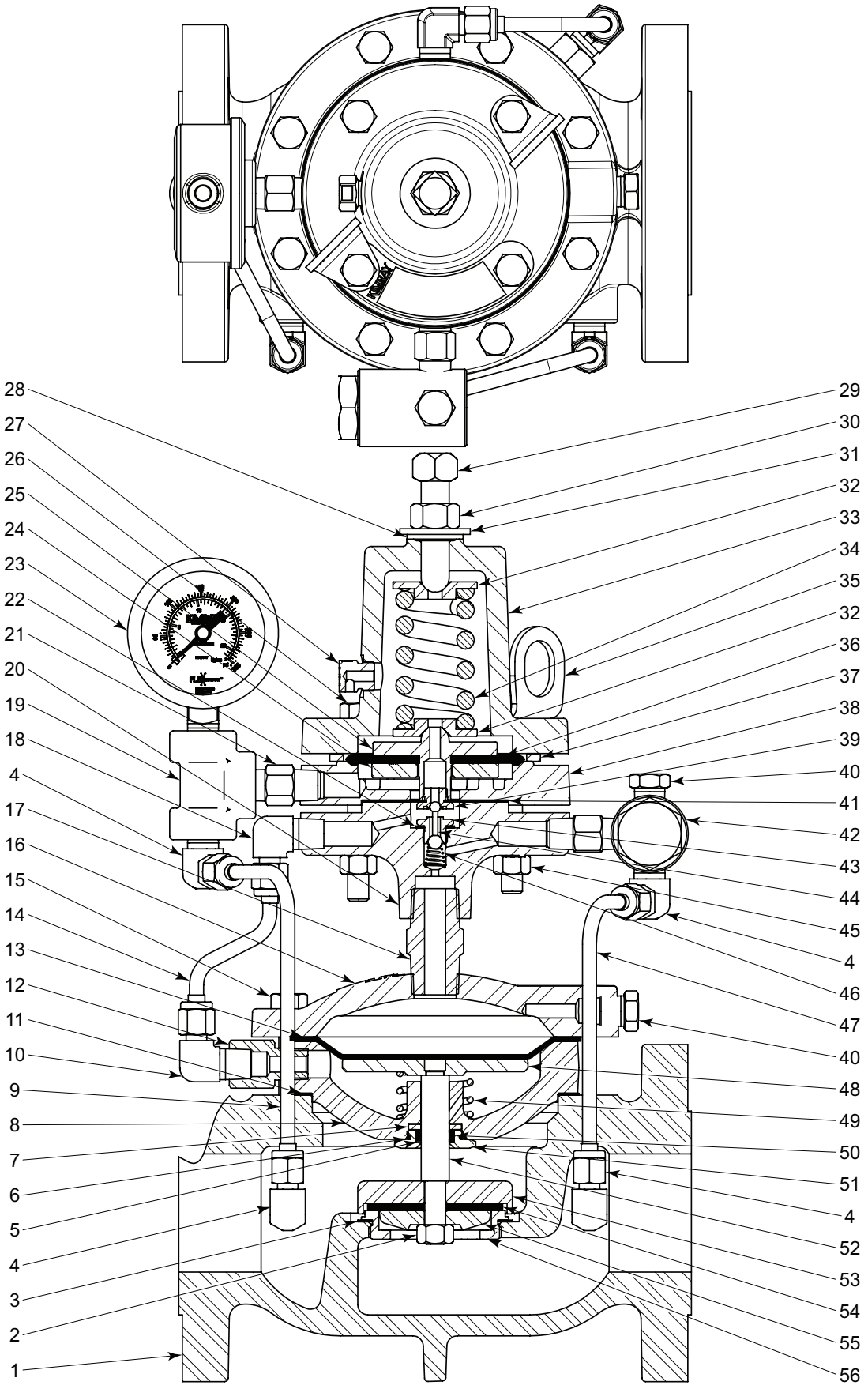
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1 INCH STEEL GAS PRESSURE REDUCING
MODEL PR PARTS LIST

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.						

KIMRAY INC.®

STEEL GAS PRESSURE REDUCING
MODEL PR PARTS DRAWING



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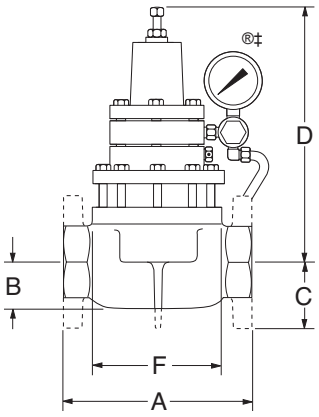
STEEL GAS PRESSURE REDUCING
MODEL PR PARTS LIST

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 *	173	906		175	173SS6	174SS6		175SS6
			Reduced *	173			906	173SS6			174SS6
3	1	Gasket *		276	277	196	279	276	277	196	279
4	4	Ell		875				875SS6			
5	2	Back Up *		149T	150T	151T	152T	149T	150T	151T	152T
6	1	O-Ring *		5225	5226	5227	4086	5225	5226	5227	4086
7	1	Spacer		4557DS6	4561DS6	4566DS6	4571DS6	4557DS6	4561DS6	4566DS6	4571DS6
8	1	Lower Housing		2481	2482	2483	2957	2481 ‡	2482 ‡	2483 ‡	2957 ‡
9	1	Tubing		2505SS6	2552S6	2529SS6	4306S6	2505SS6	2552S6	2529SS6	4306S6
10	1	Ell / Connector		875			874	875SS6			874SS6
11	1	Gasket *		196	197	198	199	196	197	198	199
12	1	Adapter		7244			----	7244S6			----
		Nipple		----			648	----			648SS6
		Elbow		----			1481	----			1481226
13	1	Diaphragm *		1706	1640	2015	2140	1706	1640	2015	2140
14	1	Tubing		2511SS6	4011SS6		2529S6	2511SS6	4011SS6		2529S6
15	(QTY)	Bolt		965 (8)	907(10)	907 (12)	2142 (16)	965 (8)	907(10)	907 (12)	2142 (16)
16	1	Bonnet		2487	2488	2489	2956	2487 ‡	2488 ‡	2489 ‡	2956 ‡
17	1	Nipple		2516				2516SS6			
18	1	Ell / Connector		875		874		875SS6		874SS6	
19	1	Tee		2000				2000SS6			
20	1	Base		2515				2515 ‡			
21	2	Nipple		648				648SS6			
22	1	Gasket *		118				118			
23	1	Pressure Gauge		7707				7707			
24	1	Diaphragm Nut		107				107SS6			
25	1	Diaphragm Plate		116				116SS6			
26	4	Bolt		1232				1232			
27	1	Breather Plug		147				147SS6			
28	1	Thread Seal *		4488				4488			
29	1	Adjusting Screw		2613				2613SS6			
30	1	Nut		2377				2377SS6			
31	1	Washer *		4491				4491			
32	2	Spring Guide		2612				2612SS6			
33	1	Bonnet		2671				2671 ‡			
34	1	Spring		2611				2611			
35	2	Lifting Ring		7559			----	7559			----
36	1	Diaphragm *		5259P				5259P			
37	1	Spacer Ring *		7437				7437			
38	1	Pilot Housing		2514				2514 ‡			
39	1	Pilot Seat *		113				113SS6			
40	2	Plug		699				699SS6			
41	1	Diaphragm *		110				110			
42	1	1/4 F30 Filter		YAS				YASSS6			
43	1	Pilot Seat *		565				565SS6			
44	1	Pilot Plug *		112				112			
45	4	Nut		241				241SS6			
46	1	Spring *		108				108HAC			
47	1	Tubing		2505SS6	4011SS6	2529SS6	5061SS6	2505SS6	4011SS6	2529SS6	5061SS6
48	1	Diaphragm Plate		2490	2491	2492	2958	2490SS6	2491SS6	2492SS6	2958SS6
49	1	Spring		1388	7132	1529	1575	1388	7132	1529	1575
50	1	O-Ring *		154	807	156	157	154	807	156	157
51	1	Retainer		4557ES6	4561ES6	4566ES6	4571ES6	4557ES6	4561ES6	4566ES6	4571ES6
52	1	Valve Stem	Standard	138	139	140	141	138SS6	139SS6	140SS6	141SS6
			Reduced	138	1222SS6	1223SS6	1224SS6	138SS6	1222SS6	1223SS6	1224SS6
53	1	Seat Disc	Standard	2493SS6	2494SS6	2495SS6	2961SS6	2493SS6	2494SS6	2495SS6	2961SS6
			Reduced	2493SS6	2585SS6	2493SS6	2494SS6	2493SS6	2585SS6	2493SS6	2494SS6
54	1	Seat	Standard *	164HSN	165HSN	166HSN	167HSN	164HSN	165HSN	166HSN	167HSN
			Reduced *	164HSN	1230HSN	164HSN	165HSN	164HSN	1230HSN	164HSN	165HSN
55	1	Ratio Plug	Standard	177SS6	178	179	3079SS6	177SS6	3076SS6	3078SS6	3079SS6
			Reduced	4933	1228SS6	177SS6	178	4933SS6	1228SS6	177SS6	3076SS6
56	1	Removable Seat	Standard	2496SS6K	2497SS6K	2498SS6K	3075SS6K	2496SS6K	2497SS6K	2498SS6K	3075SS6K
			Reduced	4934SS6K	1219SS6K	1220SSK	1221SS6K	4934SS6K	1219SS6K	1220SSK	1221SS6K
‡ 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.											

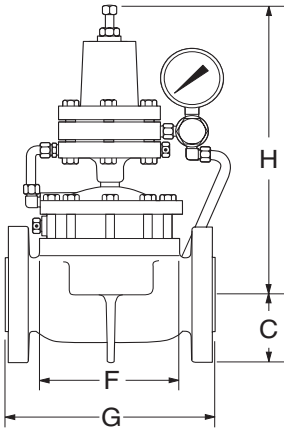
Table 1 - Flow Coefficient(Cv) at % stem travel for Pilot-operated Regulators											
1" Pressure Regulator											
Trim Size in.(mm)	**Cf**	Valve Opening Percentage									
		10	20	30	40	50	60	70	80	90	100
1/2 in (12mm) Reduced	**0.75**	0.4	0.7	0.9	1.3	1.8	2.5	3.2	3.9	4.5	5
1 in (25mm) Full Port	**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

DIMENSIONS



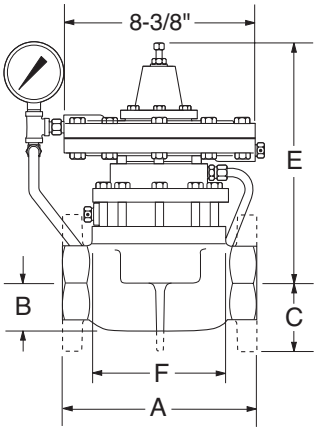
DUCTILE



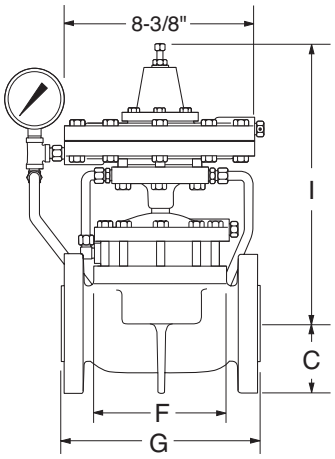
STEEL

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

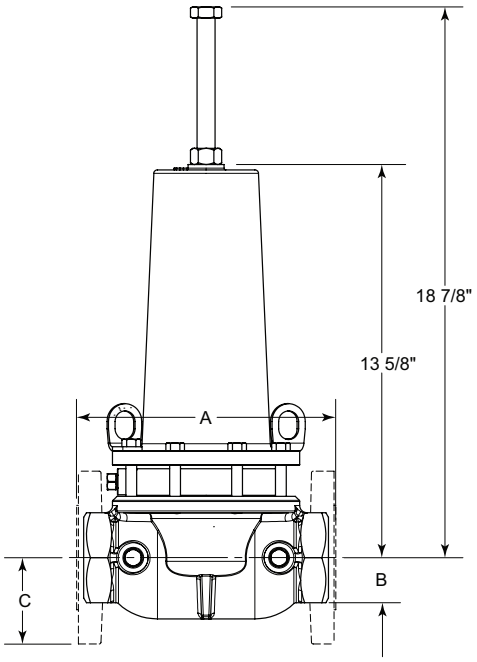
Low Pressure Back Pressure
Ounces Back Pressure To Vacuum
Ounces Pressure Reducing
Ounces Pressure Reducing Vacuum
Vacuum Back Pressure To Vacuum



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.

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®**
	Kimray Suffix	-	HSN	V	AF
Resistance	**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)	

KIMRAY INC.®

CODE BUILDER
STANDARD PRESSURE R SERIES

Series:
- **R = Pressure Regulator**

Model:
- **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

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

R	B P	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,