

# P63EG Relief Valve or Back Pressure Regulator

## Features

- **Stable Startup** — The unique hollow valve stem in the pilot provides quick pressure registration on top of the main valve plug preventing main valve unseating during normal system startup.
- **Easy In-Line Maintenance** — Top entry design reduces maintenance time. Trim parts can be inspected, cleaned, and replaced without removing the body from the pipeline. If actuator is used, its stem need not be disconnected.
- **Differential Control** — Maintains a constant differential pressure between a reference pressure and the pressure of the controlled fluid.
- **Quick Change Trim Package** — The optional quick change trim package allows for faster field maintenance. With 63EGR construction, only body flange cap screws or stud bolt nuts need be removed for quick trim change.



## Specifications

Plug	316 Stainless Steel
<b>Type P63EG Main Valve</b>	
Body and Body Flange	WCB Steel
Cage	Stainless Steel (Standard Linear)
<b>Type P63EG Approximate Weights (including pilot)</b>	
2 Inch / DN 50	55 pounds / 25 kg
3 Inch / DN 80	95 pounds / 43 kg
4 Inch / DN 100	145 pounds / 66 kg

## P63EG Part Matrix

P63EG							
	▲▲	▲	▲▲▲	▲	▲	▲	Port Size
<b>16</b>							2" NPT or Flange
<b>24</b>							3" Flange - <i>Future</i>
<b>32</b>							4" Flange
<b>48</b>							6" Flange - <i>Future</i>
							Special Construction
<b>0</b>							NPT (2" Only)
<b>A</b>							150 RF (Steel Only)
<b>B</b>							300 RF (Steel Only)
<b>C</b>							600 RF (Steel Only)
							Main Spring
<b>040</b>							10 - 40 PSIG
<b>125</b>							30 - 125 PSIG
<b>400</b>							85 - 400 PSIG
							Pilot Pressure Range
							Back Pressure P61
<b>A</b>							10 - 40 PSI
<b>B</b>							35 - 125 psi
							Relief PL81
<b>C</b>							10 - 30 PSIG
<b>D</b>							30 - 60 PSIG
<b>E</b>							60 - 125 PSIG
							Relief PL85
<b>F</b>							85 - 140 PSIG
<b>G</b>							130 - 200 PSIG
<b>H</b>							180 - 350 PSIG
							Relief PL85
<b>J</b>							250 - 400 PSI
							Trim Material
<b>0</b>							Nitrile
<b>2</b>							Fluorocarbon (FKM) - <i>Future</i>
							Body Material
<b>0</b>							Iron - <i>Future</i>
<b>1</b>							Steel

## P63EG Flow Coefficients at Maximum Rated Travels

BODY SIZE		PIPING STYLE							
		Line Size Equals Body Size				2:1 Line Size to Body Size			
		Linear Cage			K <sub>m</sub>	Linear Cage			K <sub>m</sub>
Inches	DN	C <sub>g</sub>	C <sub>v</sub>	C <sub>1</sub>		C <sub>g</sub>	C <sub>v</sub>	C <sub>1</sub>	
2	50	2280	63.3	36.0	0.71	2050	59.6	34.4	0.71
3	80	4630	132	35.1	0.71	4410	128	34.4	0.71
4	100	7320	202	36.2	0.71	6940	198	35.0	0.71

## P63EG Minimum and Maximum Differential Pressures

BODY SIZE		Main Valve Spring Range		Main Valve Spring Part Number	Main Valve Spring Color	Type 63EG				Type 63EG with Type 1098 Size 40 Actuator			
						Minimum Differential Pressure Required For Full Stroke		Maximum Differential Pressure		Minimum Differential Pressure Required For Full Stroke		Maximum Differential Pressure	
						PSIG	BAR	PSIG	BAR	PSIG	BAR	PSIG	BAR
Inches	DN	PSIG	BAR			PSIG	BAR	PSIG	BAR	PSIG	BAR	PSIG	BAR
2	50	10 to 40	0.69 to 2.8			22	1.5	40	2.8	2	0.14	20	1.4
		30 to 125	2.1 to 8.6			30	2.1	125	8.6	3	0.21	60	4.1
		85 to 400	5.9 to 27.6			90	6.2	400	27.6	....	....	....	....
3	80	10 to 40	0.69 to 2.8			19	1.3	40	2.8	2.5	0.17	20	1.4
		30 to 125	2.1 to 8.6			25	1.7	125	8.6	4	0.28	60	4.1
		85 to 400	5.9 to 27.6			60	4.1	400	27.6	....	....	....	....
4	100	10 to 40	0.69 to 2.8			16	1.1	40	2.8	3.5	0.24	20	1.4
		30 to 125	2.1 to 8.6			20	1.4	125	8.6	5	0.34	60	4.1
		85 to 400	5.9 to 27.6			55	3.8	400	27.6	....	....	....	....

**P63EG Relief Capacities<sup>(1)</sup> to atmosphere with Types P61, PL81 and PL85 Pilots**



Main Valve Size		Pilot Type	Main Valve Spring Color	Pilot Spring Range, Part Number, and Color		Set Pressure <sup>(2)</sup>		Buildup Over Set Pressure Needed to Begin Opening Main Valve <sup>(3)</sup>		Buildup Over Set Pressure Needed to Fully Open Main Valve <sup>(4)</sup>		Pressure Drop Below Set Pressure Needed to Reseat Pilot		Capacities <sup>(1)</sup> of 0.6 Specific Gravity Natural Gas with 2:1 Line Size to Body Size Piping	
Inches	DN			PSIG	BAR	PSIG	BAR	PSIG	BAR	PSIG	BAR	PSIG	BAR	SCFH	Nm <sup>3</sup> /h
2	50	P61	Yellow	10 to 40 / 0.69 to 2.8 Yellow	10	0.69	5.5	0.38	12.0	0.83	5.0	0.34	95,000	2546	
					15	1.0	2.0	0.14	7.0	0.48			95,000	2546	
					20	1.4	1.7	0.12	2.5	0.17			96,000	2573	
					30	2.1	1.7	0.12	2.0	0.14			122,000	3270	
			Green	35 to 125 PSIG / 2.4 to 8.6 Red	40	2.8	2.0	0.14	2.5	0.17			151,000	4047	
					50	3.5	2.0	0.14	2.5	0.17			178,000	4770	
					60	4.1	2.0	0.14	2.5	0.17			204,000	5467	
					80	5.5	2.4	0.17	3.0	0.21			258,000	6914	
		PL81	Yellow	10 to 30 / 0.69 to 2.1 Silver	10	0.69	5.5	0.38	12.0	0.83	1.0	0.07	95,000	2546	
					15	1.0	2.0	0.14	7.0	0.48			95,000	2546	
					20	1.4	1.7	0.12	2.5	0.17			96,000	2573	
					30	2.1	1.7	0.12	2.0	0.14			122,000	3270	
			Green	30 to 60 / 2.1 to 4.1 Blue	30	2.1	1.7	0.12	2.5	0.17			124,000	3323	
					40	2.8	1.7	0.12	2.0	0.14			149,000	3993	
					50	3.4	1.7	0.12	2.0	0.14			176,000	4717	
					60	4.1	1.7	0.12	2.0	0.14			203,000	5440	
				Red	60 to 125 / 4.1 to 8.6	60	4.1	2.0	0.14	2.5			0.17	204,000	5467
						80	5.5	2.4	0.17	3.0			0.21	258,000	6914
						100	6.9	2.4	0.17	3.0			0.21	311,000	8335
						125	8.6	2.4	0.17	3.0			0.21	377,000	10,104
		PL85	Green	85 to 140 / 5.9 to 9.6	85	5.9	1.7	0.12	10.0	0.69	2.0	0.14	290,000	7772	
					100	6.9	1.7	0.12	4.0	0.28			314,000	8415	
					125	8.6	2.2	0.15	4.0	0.28			380,000	10,184	
					140	9.6	2.2	0.15	4.0	0.28			420,000	11,256	
			Blue	130 to 200 / 9.0 to 13.8	140	9.6	4.0	0.28	7.0	0.48	3.0	0.21	428,000	11,470	
					150	10.3	4.0	0.28	7.0	0.48			454,000	12,167	
					175	12.1	5.0	0.34	8.0	0.55			523,000	14,016	
					200	13.8	5.0	0.34	8.0	0.55			589,000	15,785	
Red	180 to 350 / 12.4 to 24.1		200	13.8	5.0	0.34	8.0	0.55	589,000	15,785					
			250	17.2	5.0	0.34	8.0	0.55	721,000	19,323					
			300	20.7	5.5	0.38	8.5	0.59	855,000	22,914					
			350	24.1	5.5	0.38	8.5	0.59	987,000	26,452					
PL85	Red		250 to 400 <sup>(5)</sup> / 17.2 to 27.6	300	20.7	6.0	0.41	10.0	0.69	6.0	0.41	859,000	23,021		
				350	24.1	6.0	0.41	10.0	0.69			991,000	26,559		
				375	25.9	7.0	0.48	11.0	0.76			1,060,000	28,408		

1. Capacities based on set pressure plus buildup to achieve full opening using a standard linear cage and standard high-gain pilot restriction (or restriction plug on Type P61).  
 2. Set pressure is defined as the pressure at which the pilot starts-to-discharge.  
 3. Crack point of the main valve is the inlet pressure buildup over the set pressure at which the main valve starts audible flow.  
 4. Inlet pressure buildup over the set pressure for the main valve to achieve wide-open capacity.  
 5. Set pressure plus buildup should not exceed maximum differential pressure of 400 PSIG / 27.6 BAR.

**P63EG Relief Capacities<sup>(1)</sup> to atmosphere with Types P61, PL81 and PL85 Pilots (Continued)**

Main Valve Size		Pilot Type	Main Valve Spring Color	Pilot Spring Range, Part Number, and Color		Set Pressure <sup>(2)</sup>		Buildup Over Set Pressure Needed to Begin Opening Main Valve <sup>(3)</sup>		Buildup Over Set Pressure Needed to Fully Open Main Valve <sup>(4)</sup>		Pressure Drop Below Set Pressure Needed to Reseat Pilot		Capacities <sup>(1)</sup> of 0.6 Specific Gravity Natural Gas with 2:1 Line Size to Body Size Piping									
Inches	DN			PSIG	BAR	PSIG	BAR	PSIG	BAR	PSIG	BAR	PSIG	BAR	PSIG	BAR	SCFH	Nm <sup>3</sup> /h						
3	80	P61	Yellow	10 to 40 / 0.69 to 2.8 Yellow	10	0.69	3.5	0.24	9.0	0.62	5.0	0.34			185,000	4958							
					15	1.0	1.3	0.09	4.0	0.28					185,000	4958							
					20	1.4	1.2	0.08	2.0	0.14					203,000	5440							
					30	2.1	1.2	0.08	1.5	0.10					260,000	6968							
			Green	35 to 125 PSIG / 2.4 to 8.6 Red	40	2.8	2.0	0.14	2.5	0.17					324,000	8683							
					50	3.4	2.0	0.14	2.5	0.17					382,000	10,238							
					60	4.1	2.0	0.14	2.5	0.17					439,000	11,765							
					80	5.5	2.0	0.14	2.5	0.17					555,000	14,874							
					100	6.9	2.4	0.17	3.0	0.21					670,000	17,956							
					125	8.6	2.4	0.17	3.0	0.21					812,000	21,762							
					PL81	Yellow	10 to 30 / 0.69 to 2.1 Silver	10	0.69	3.5					0.24	9.0	0.62	1.0	0.07			185,000	4958
								15	1.0	1.3					0.09	4.0	0.28					185,000	4958
		20	1.4	1.2				0.08	2.0	0.14	203,000	5440											
		30	2.1	1.2				0.08	1.5	0.10	260,000	6968											
		Green	30 to 60 / 2.1 to 4.1 Blue	30		2.1	1.6	0.11	2.0	0.14	263,000	7048											
				40		2.8					322,000	8630											
				50		3.4					379,000	10,157											
				60		4.1					436,000	11,685											
		Red	60 to 125 / 4.1 to 8.6	60	4.1	2.0	0.14	2.5	0.17	439,000	11,765												
				80	5.5	2.0	0.14	2.5	0.17	553,000	14,820												
				100	6.9	2.4	0.17	3.0	0.21	670,000	17,956												
				125	8.6	2.4	0.17	3.0	0.21	812,000	21,762												
		PL85	Green	85 to 140 / 5.9 to 9.6	85	5.9	1.7	0.12	3.0	0.21	2.0	0.14			584,000	15,651							
					100	6.9	1.7	0.12	3.0	0.21					670,000	17,956							
					125	8.6	2.2	0.15	3.5	0.24					815,000	21,842							
					140	9.6	2.2	0.15	3.5	0.24					900,000	24,120							
			Blue	130 to 200 / 9.0 to 13.8	140	9.6	4.0	0.28	6.0	0.41	3.0	0.21			914,000	24,495							
					150	10.3	4.0	0.28	6.0	0.41					971,000	26,023							
					175	12.1	5.0	0.34	7.0	0.48					1,119,000	29,989							
					200	13.8	5.0	0.34	7.0	0.48					1,261,000	33,795							
			Red	180 to 350 / 12.4 to 24.1	200	13.8	5.0	0.34	7.0	0.48	1,261,000	33,795											
					250	17.2	5.0	0.34	7.0	0.48	1,546,000	41,433											
300	20.7				5.5	0.38	7.5	0.52	1,833,000	49,124													
350	24.1				5.5	0.38	7.5	0.52	2,117,000	56,736													
PL85	Red		250 to 400 <sup>(5)</sup> / 17.2 to 27.6	300	20.7	6.0	0.41	8.5	0.59	6.0	0.41			1,839,000	49,285								
				350	24.1	6.0	0.41	8.5	0.59					2,123,000	56,896								
				375	25.9	7.0	0.48	9.5	0.66					2,271,000	60,863								

1. Capacities based on set pressure plus buildup to achieve full opening using a standard linear cage and standard high-gain pilot restriction (or restriction plug on Type P61).
2. Set pressure is defined as the pressure at which the pilot starts-to-discharge.
3. Crack point of the main valve is the inlet pressure buildup over the set pressure at which the main valve starts audible flow.
4. Inlet pressure buildup over the set pressure for the main valve to achieve wide-open capacity.
5. Set pressure plus buildup should not exceed maximum differential pressure of 400 PSIG / 27.6 BAR.

**P63EG Relief Capacities<sup>(1)</sup> to atmosphere with Types P61, PL81 and PL85 Pilots (Continued)**



Main Valve Size		Pilot Type	Main Valve Spring Color	Pilot Spring Range, Part Number, and Color		Set Pressure <sup>(2)</sup>		Buildup Over Set Pressure Needed to Begin Opening Main Valve <sup>(3)</sup>		Buildup Over Set Pressure Needed to Fully Open Main Valve <sup>(4)</sup>		Pressure Drop Below Set Pressure Needed to Reseat Pilot		Capacities <sup>(1)</sup> of 0.6 Specific Gravity Natural Gas with 2:1 Line Size to Body Size Piping					
Inches	DN			PSIG	BAR	PSIG	BAR	PSIG	BAR	PSIG	BAR	PSIG	BAR	PSIG	BAR	SCFH	Nm <sup>3</sup> /h		
4	100	P61	Yellow	10 to 40 / 0.69 to 2.8 Yellow	10	0.69	1.5	0.10	6.0	0.41	5.0	0.34	259,000	6941					
					15	1.0	1.2	0.08	2.0	0.14			269,000	7209					
					20	1.4	1.2	0.08	1.5	0.10			313,000	8388					
					30	2.1	1.2	0.08	1.5	0.10			408,000	10,934					
			Green	35 to 125 PSIG / 2.4 to 8.6 Red	40	2.8	1.6	0.11	2.5	0.17			509,000	13,641					
					50	3.5	1.6	0.11	2.5	0.17			600,000	16,080					
					60	4.1	1.6	0.11	2.5	0.17			691,000	18,519					
					80	5.5	2.0	0.14	2.5	0.17			873,000	23,396					
			Red	35 to 125 PSIG / 2.4 to 8.6 Red	100	6.9	2.4	0.17	3.0	0.21			1,054,000	28,247					
					125	8.6	2.4	0.17	3.0	0.21			1,278,000	34,250					
					PL81	Yellow	10 to 30 / 0.69 to 2.1 Silver	10	0.69	1.5			0.10	6.0	0.41	1.0	0.07	259,000	6941
								15	1.0	1.2			0.08	2.0	0.14			269,000	7209
		20	1.4	1.2				0.08	1.5	0.10	313,000	8388							
		30	2.1	1.2				0.08	1.5	0.10	408,000	10,934							
		Green	30 to 60 / 2.1 to 4.1 Blue	30		2.1	1.2	0.08	1.5	0.10	408,000	10,934							
				40		2.8					500,000	13,400							
				50		3.4					591,000	15,839							
				60		4.1					682,000	18,278							
		Red	60 to 125 / 4.1 to 8.6 Red	60		4.1	1.6	0.11	2.0	0.14	686,000	18,385							
				80		5.5	2.0	0.14	2.5	0.17	870,000	23,316							
				100		6.9	2.4	0.17	3.0	0.21	1,054,000	28,247							
				125		8.6	2.4	0.17	3.0	0.21	1,278,000	34,250							
		PL85	Green	85 to 140 / 5.9 to 9.6 Green	85	5.9	1.7	0.12	2.7	0.19	2.0	0.14	917,000	24,576					
					100	6.9	1.7	0.12	2.7	0.19			1,051,000	28,167					
					125	8.6	2.2	0.15	3.2	0.22			1,279,000	34,277					
					140	9.6	2.2	0.15	3.2	0.22			1,414,000	37,895					
			Blue	130 to 200 / 9.0 to 13.8 Blue	140	9.6	4.0	0.28	5.5	0.38	3.0	0.21	1,434,000	38,431					
					150	10.3	4.0	0.28	5.5	0.38			1,524,000	40,843					
175	12.1				5.0	0.34	6.5	0.45	1,757,000	47,088									
200	13.8				5.0	0.34	6.5	0.45	1,980,000	53,064									
Red	180 to 350 / 12.4 to 24.1 Red		200	13.8	5.0	0.34	6.5	0.45	1,980,000	53,064									
			250	17.2	5.0	0.34	6.5	0.45	2,428,000	65,070									
			300	20.7	5.5	0.38	7.0	0.48	2,880,000	77,184									
			350	24.1	5.5	0.38	7.0	0.48	3,328,000	89,190									
PL85	Red	250 to 400 <sup>(5)</sup> / 17.2 to 27.6 Blue	300	20.7	6.0	0.41	8.0	0.55	6.0	0.41	2,889,000	77,425							
			350	24.1	6.0	0.41	8.0	0.55			3,337,000	89,432							
			375	25.9	7.0	0.48	9.0	0.62			3,569,000	95,649							

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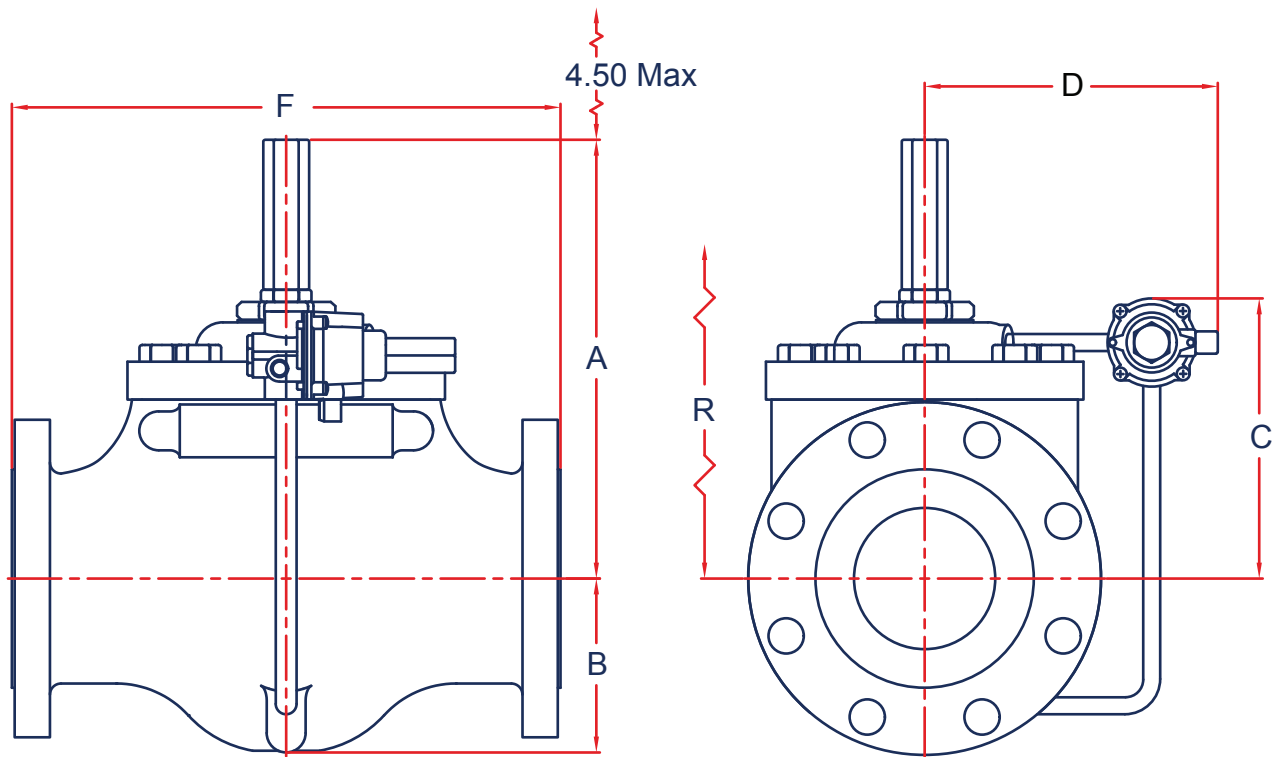
**P63EG Relief Capacities<sup>(1)</sup> to atmosphere with Types P61, PL81 and PL85 Pilots (Continued)**

Body Size		Set Pressure Range, Spring Part Number and Color		Pilot Set Pressure <sup>(2)</sup>		Buildup Over Set Pressure Needed to Begin Opening Main Valve <sup>(3)</sup>		Buildup Over Set Pressure Needed to Fully Open Main Valve <sup>(4)</sup>		Pressure Drop Below Set Pressure Needed to Reseat Pilot		Capacities <sup>(1)</sup> of 0.6 Specific Gravity Natural Gas with 1:1 Line Size to Body Size Piping					
Inches	DN	PSIG	BAR	PSIG	BAR	PSIG	BAR	PSIG	BAR	PSIG	BAR	SCFH	Nm <sup>3</sup> /h				
2	50	3 to 18 / 0.21 to 1.2  Green		3	0.21	0.9	0.062	1.3	0.09	1.0	0.07	40,000	1072				
				5	0.34	0.7	0.048	1.0	0.07			47,000	1260				
				10	0.69	0.7	0.048	1.0	0.07			67,000	1796				
				15	1.0	0.7	0.048	1.0	0.07			84,000	2251				
		15 to 40 / 1.0 to 2.8  Yellow		15	1.0	0.8	0.055	1.1	0.076			84,000	2251				
				20	1.4							101,000	2707				
				30	2.1							132,000	3538				
				40	2.8							162,000	4342				
		35 to 65 / 2.4 to 4.5  Red		40	2.8	1.3	0.09	1.7	0.12			164,000	4395				
				50	3.4							194,000	5199				
				60	4.1							224,000	6003				
				65	4.5							239,000	6405				
		3	80	3 to 18 / 0.21 to 1.2  Green		3	0.21	0.9	0.062			1.5	0.10	1.0	0.07	84,000	2251
						5	0.34	0.7	0.048			1.0	0.07			98,000	2626
						10	0.69	0.7	0.048			1.0	0.07			138,000	3698
						15	1.0	0.7	0.048			1.0	0.07			173,000	4636
15 to 40 / 1.0 to 2.8  Yellow				15	1.0	0.8	0.055	1.1	0.076	173,000	4636						
				20	1.4					206,000	5521						
				30	2.1					270,000	7236						
				40	2.8					331,000	8871						
35 to 65 / 2.4 to 4.5  Red				40	2.8	1.3	0.09	1.7	0.12	335,000	8978						
				50	3.4					396,000	10,613						
				60	4.1					456,000	12,221						
				65	4.5					486,000	13,025						
4	100			3 to 18 / 0.21 to 1.2  Green		3	0.21	1.3	0.09	2.3	0.16	1.0	0.07			142,000	3806
						5	0.34	0.8	0.055	1.3	0.09					156,000	4181
						10	0.69	0.8	0.055	1.1	0.076					215,000	5762
						15	1.0	0.8	0.055	1.1	0.076					270,000	7236
		15 to 40 / 1.0 to 2.8  Yellow		15	1.0	0.9	0.062	1.2	0.08	271,000	7263						
				20	1.4					323,000	8656						
				30	2.1					424,000	11,363						
				40	2.8					521,000	13,963						
		35 to 65 / 2.4 to 4.5  Red		40	2.8	1.4	0.097	1.8	0.12	527,000	14,124						
				50	3.4					624,000	16,723						
				60	4.1					719,000	19,269						
				65	4.5					767,000	20,556						

1. Capacities based on set pressure plus buildup to achieve full opening using a size 40 actuator; green main spring; standard linear cage; and standard high-gain pilot restriction.  
 2. Set pressure is defined as the pressure at which the pilot starts-to-discharge.  
 3. Crack point of the main valve is the inlet pressure buildup over the set pressure at which the main valve starts audible flow.  
 4. Inlet pressure buildup over the set pressure for the main valve to achieve wide-open capacity.

Common Dimensions, Inches / mm							A (With Travel Indicator)	B	R	Dimension Specific for P63EG, Inches / mm	
Body Size, NPS / DN	F (Face to Face)					C				D	
	NPT	Cast Iron		Steel / Stainless Steel							
		CL125 FF	CL250 RF	CL150 RF	CL300 RF	CL600 RF					
2 / 50	11.25 / 286	10 / 254	10.5 / 267	10 / 254	10.5 / 267	11.25 / 286	8.69 / 221	2.84 / 72.1	12.62 / 320	5.94 / 151	7.69 / 195
3 / 80	.....	11.75 / 298	12.5 / 317	11.75 / 298	12.5 / 317	13.25 / 337	11.25 / 286	3.5 / 88.9	16.25 / 413	7.25 / 184	8.19 / 208
4 / 100	.....	13.88 / 353	14.5 / 368	13.88 / 353	14.5 / 368	15.5 / 394	12.62 / 321	4.81 / 122	18.88 / 479	8.62 / 219	8.88 / 226
6 / 150	.....	17.75 / 451	18.62 / 473	17.75 / 451	18.62 / 473	20 / 508	13.44 / 341	5.19 / 132	20 / 508	8.81 / 224	14.56 / 370

**Figure 1**

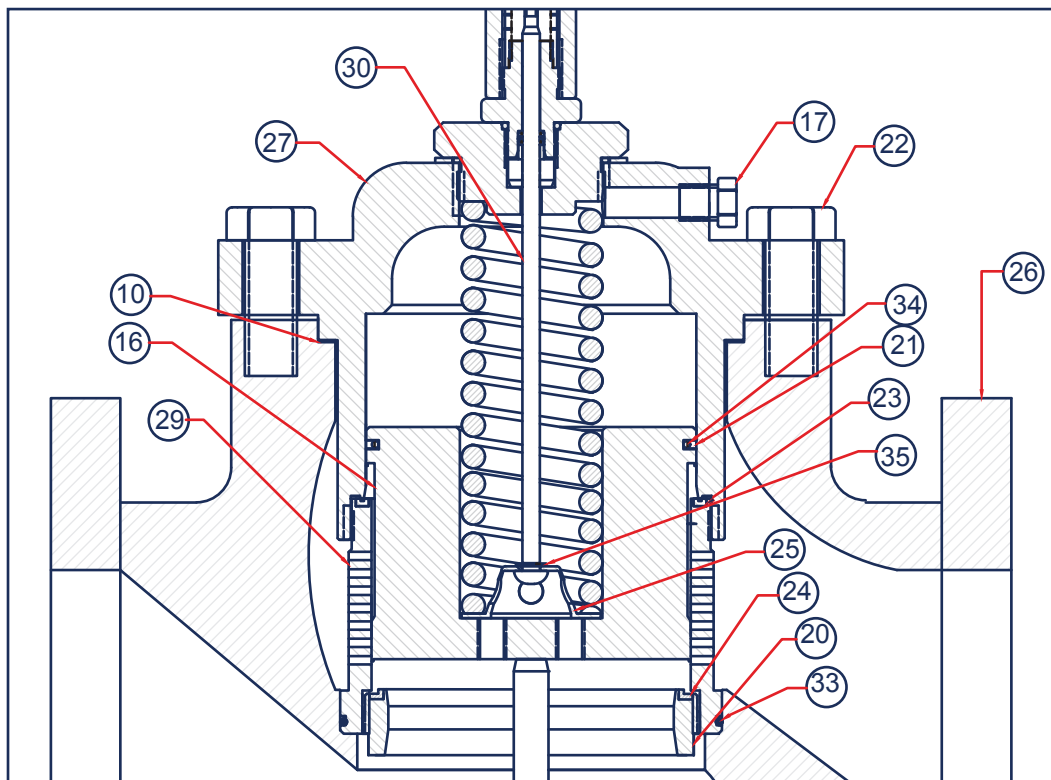


## P63EG Main Regulator Parts

Item		Qty.	Part Number
10	Valve Gasket	1	2" 624-136-001
			3" 624-136-002
			4" 624-136-000
16	Main Valve Plug	1	2" 639-177-001
			3" 639-177-002
			4" 639-177-000
17	Main Pipe Plug	2	639-178-000
20	Main Seat Ring	1	2" 644-072-001
			3" 644-072-002
			4" 644-072-000
21	Main Piston Ring	1	2" 644-073-001
			3" 644-073-002
			4" 644-073-000
22	Flange Hex Screws	8	2" 648-626-001
			3" 648-626-002
			4" 648-626-000
23	Main Valve Port Seal	1	2" 649-399-001
			3" 649-399-002
			4" 649-399-000
24	Main Valve Plug Seal	1	2" 649-401-001
			3" 649-401-002
			4" 649-401-000
25	Main Spring Seat	1	650-229-000

Item		Qty.	Part Number
26	Body	1	2" NPT / Steel 664-669-000
			2" 150RF / Steel 664-669-001
			2" 300RF / Steel 664-668-000
			3" 150RF / Steel 664-668-001
			3" 300RF / Steel 664-635-000
			4" 150RF / Steel 664-635-001
27	Body Flange	1	2" 664-636-001
			3" 664-636-002
			4" 664-636-000
28	Pipe Adaptor	1	673-037-000
29	Main Valve Cage	1	2" 688-084-001
			3" 688-084-002
			4" 688-084-000
30	Travel Indicator Stem	1	2" 689-048-001
			3" 689-048-002
			4" 689-048-000
33	Upper Seal	1	2" 649-438-000
			3" 649-438-001
			4" 010-468-000
34	O-ring	1	649-400-000
35	E-ring	1	2" 649-400-001
			4" 644-049-000

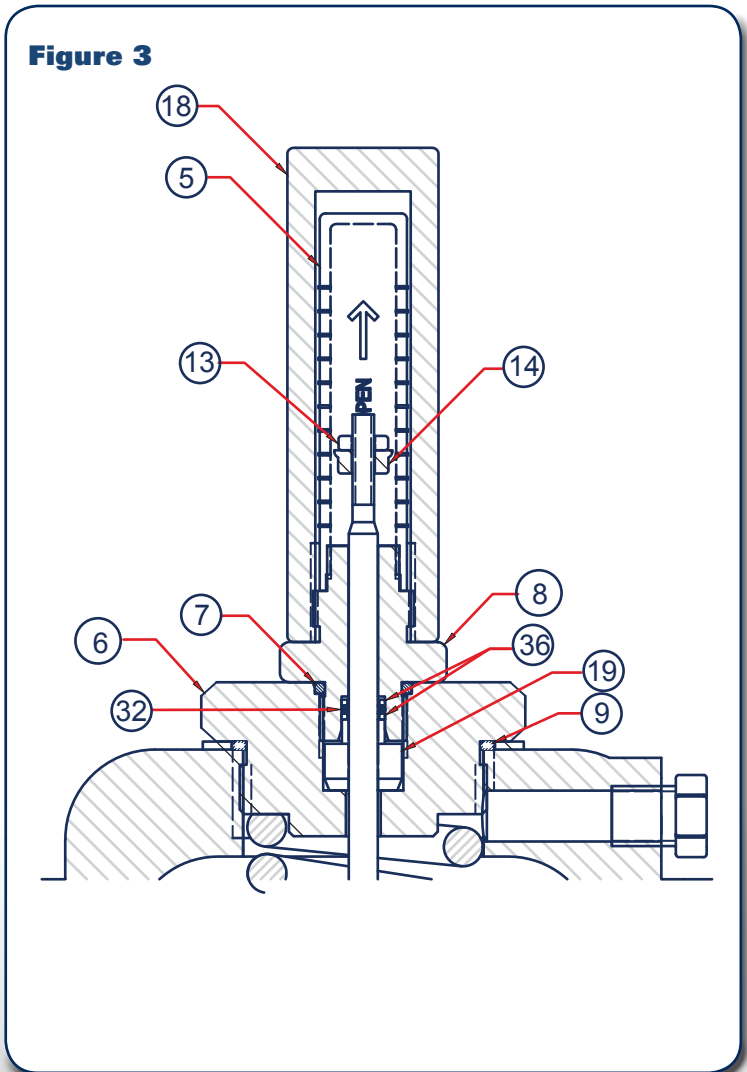
**Figure 2**



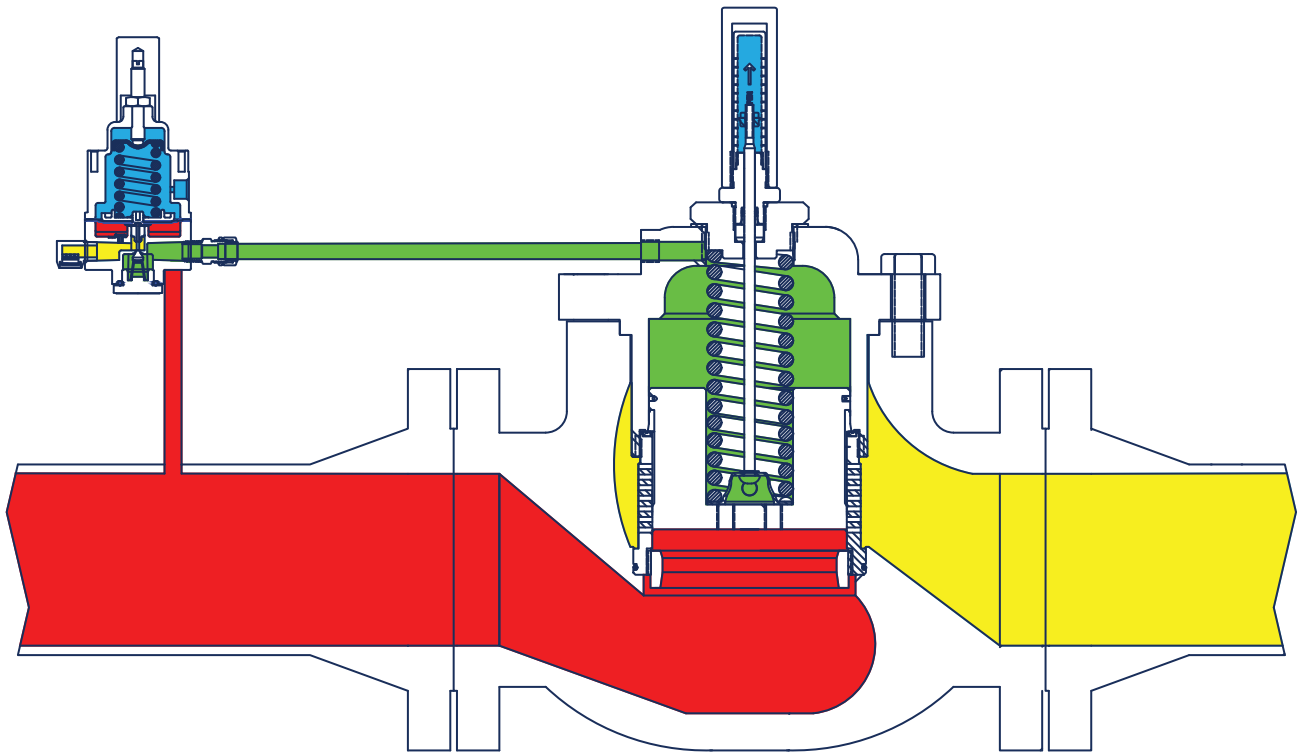






### P63EG Travel Indicator Parts

Item		Qty.	Part Number
5	Travel Indicator Scale	1	614-075-000
6	Travel Indicator Fitting (Steel)	1	622-093-000
	Travel Indicator Fitting (SS)	1	622-093-001
7	Fitting O-ring	1	649-000-170
8	Steel Valve Fitting	1	622-094-000
	SS Valve Fitting	1	622-094-001
9	Travel Indicator O-ring	1	649-000-249
13	Travel Indicator Hex Nut	1	634-497-000
14	Travel Indicator Flange Nut	1	634-498-000
18	Travel Indicator Protector	1	641-016-000
19	O-ring Retainer	1	643-236-000
32	Stem O-ring	1	649-000-003
36	Backup Ring	2	644-047-000



## P63EG Relief Device with PL81 Pilot



-  Inlet Pressure
-  Outlet Pressure
-  Atmospheric Pressure
-  Loading Pressure

A large, empty rectangular box with rounded corners and a thin black border, intended for taking notes.

# BelGAS™

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BelGAS, the leader in pressure regulator design, offers the Oil, Gas and Pipeline Industry the same precision and reliability in flow control and pressure control that the control valve market has enjoyed for over 40 years. At BelGAS, we have raised the industry standard for quality, accuracy, and dependability. Even more important is that we provide this value to our customers at an economical price.

The BelGAS product offering includes pressure regulators for gas, air and propane service; explosion-proof I/P transducers for electro-pneumatic applications; process and test gauges for pressure measurement in general and severe service and a wide assortment of bimetal thermometers and thermowells for both high and low temperature indication.

Whether the requirements call for a high pressure flow condition, a low pressure relief application or the regulation of fuel or process gas in a system, BelGAS can provide a dependable and cost effective solution.