

ePIV SELECTION GUIDE (ANSI 125)											
MODEL	DESCRIPTION										
P2	2-WAY NPT (1/2' TO 2'') Pressure Independent Control Valve (ANSI 125)										
P6	2-WAY FLANGED (2-1/2" TO 6'') Pressure Independent Control Valve (ANSI 125)										
SIZE											
NPT BODY											
050S-	1/2" (DN15)										
075S-	3/4" (DN20)										
100S-	1" (DN25)										
125S-	1-1/4" (DN32)										
150S-	1-1/2" (DN40)										
200S-	2" (DN50)										
FLANGED BODY											
250S-	2-1/2" (DN65)										
300S-	3" (DN80)										
400S-	4" (DN100)										
500S-	5" (DN125)										
600S-	6" (DN150)										
GPM											
VALVE BODY SIZE and GPM SELECTION (NPT) <i>select code in shaded area for part number</i>											
1/2"		3/4"		1"		1-1/4"		1-1/2"		2"	
165	1.65	060	6.00	111	11.10	018	18.00	261	26.10	327	32.70
020	2.00	065	6.50	012	12.00	191	19.10	273	27.30	342	34.20
025	2.50	070	7.00	131	13.10	020	20.00	281	28.10	358	35.80
030	3.00	075	7.50	142	14.20	211	21.10	293	29.30	381	38.10
035	3.50	080	8.00	151	15.10	222	22.00	030	30.00	403	40.30
040	4.00	085	8.50	016	16.00	231	23.10	313	31.30	441	44.10
045	4.50	090	9.00	169	16.90	242	24.20	321	32.10	479	47.90
050	5.00	095	9.50	182	18.2*	251	25.10	033	33.00	525	52.50
055	5.50	103	10.3*			262	26.20	341	34.10	563	56.30
						271	27.10	352	35.20	601	60.10
						285	28.5*	036	36.00	654	65.40
								372	37.20	070	70.00
								038	38.00	761	76.10*
								396	39.6*	800	80.00**
										850	85.00**
										900	90.00**
										950	95.00**
										1000	100.00**
VALVE BODY SIZE FOR GPM SELECTION (FLANGED-ANSI 125)											
2-1/2"		3"		4"		5"		6"			
080	80.00	133	133.00	195	195.00	335	335.00	515	515.00		
085	85.00	141	141.00	210	210.00	353	353.00	537	537.00		
090	90.00	149	149.00	225	225.00	371	371.00	559	559.00		
100	100.00	157	157.00	240	240.00	389	389.00	581	581.00		
105	105.00	173	173.00	255	255.00	407	407.00	603	603.00		
110	110.00	180	180.00*	270	270.00	425	425.00	625	625.00		
115	115.00			285	285.00	443	443.00	647	647.00		
121	121.00			300	300.00	461	461.00	669	669.00		
127	127.00*			317	317.00*	479	479.00	691	691.00		
						495	495.00*	713	713.00*		
ACTUATOR											
Non-Spring Return											
+LRX24	24V, proportional control, 2-10VDC default, MFT*** (1/2" to 1" only)										
+NRX24	24V, proportional control, 2-10VDC default, MFT*** (1-1/4" to 1-1/2" only)										
+ARX24	24V, proportional control, 2-10VDC default, MFT*** (2" to 3" only)										
+GRX24	24V, proportional control, 2-10VDC default, MFT*** (4" to 6" only)										
Electronic Fail Safe											
+AKRX24	24V, proportional control, 2-10VDC default, MFT*** (1/2" to 3" only)										
+GKRX24	24V, proportional control, 2-10VDC default, MFT*** (4" to 6" only)										
MATCHED VALVE SIZE FOR ACTUATOR											
-EP	1/2" to 2" valves										
-PI	2-1/2" to 6" valves										
EXAMPLE: P2 050S- 165 +LRX24 -EP = P2050S-165+LRX24-EP											
Description				2-way, 1/2" pressure independent valve, 1.65 GPM with 24v proportional non-spring return actuator							

Notes:

*V'nom maximum flow for body size

**Applies to 2" P2200S-800 and P2200S-1000 selections only. 8 to 50 psi differential pressure range (all others are 1-5 to 50 psi)

***MFT technology available for custom signal input ranges. Select proper P-code.

2-10VDC is default setting if not specified