

VÁLVULA REDUCTORA DE PRESIÓN

Modelo FP-43T-PS



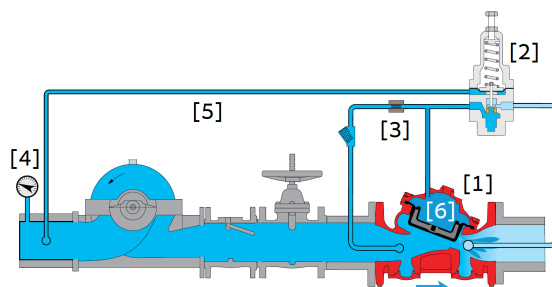
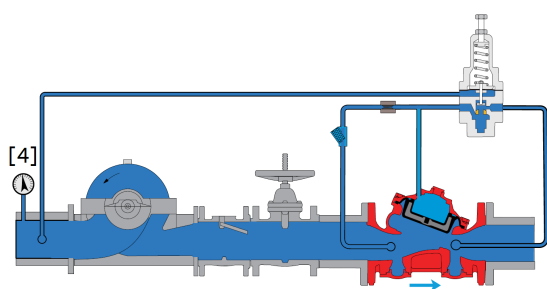
Aprobaciones



APPROVED

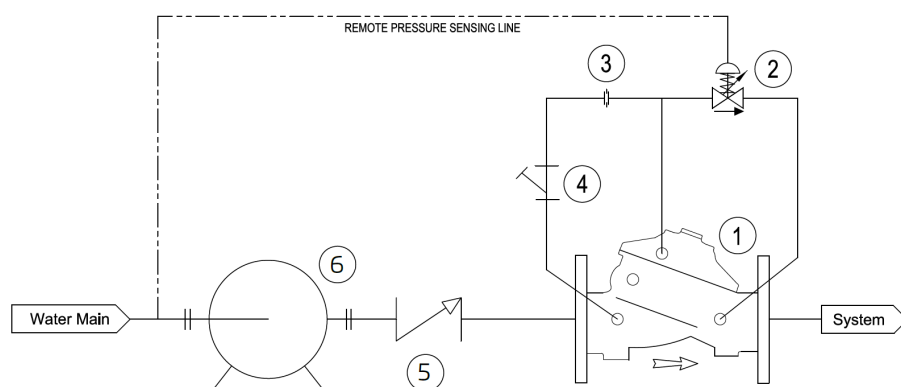


Operación



Esquema del sistema

Componentes	
3	Restriction Orifice
4	Pressure Reducing Pilot Valve



Instalación del sistema

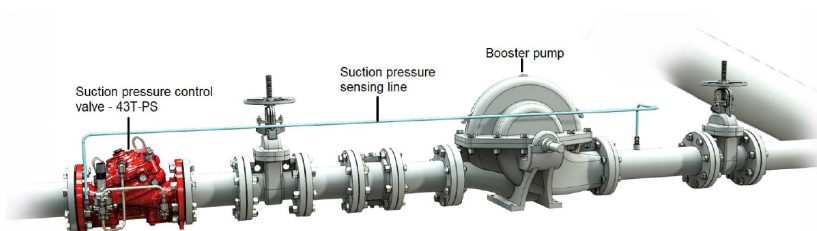


Table 1: Pressure and Recommended Flow Rates

Valve Size in. (mm)	1.5" (40)	2-2.5" (50-65)	3" (80)	4" (100)	6" (150)	8" (200)	10" (250)	12" (300)	14" (350)	16" (400)
Valve Max. Inlet pressure bar (psi)	25 (365)	25 (365)	25 (365)	25 (365)	25 (365)	25 (365)	25 (365)	21 (300)	21 (300)	21 (300)
Pressure Setting Range bar (psi)	0.35-1.7 (5-25)	0.35-1.7 (5-25)	0.35-1.7 (5-25)	0.35-1.7 (5-25)	0.35-1.7 (5-25)	0.35-1.7 (5-25)	0.35-1.7 (5-25)	0.35-1.7 (5-25)	0.35-1.7 (5-25)	0.35-1.7 (5-25)
Kv (Cv)	68 (79)	80-105 (92-121)	190 (219)	345 (398)	790 (912)	1160 (1340)	1355 (1652)	2370 (2737)	2850 (3292)	3254 (3758)
Leq m (ft) Note 1	2 (7)	4 (14)	7 (24)	8 (25)	8 (26)	13 (43)	27 (89)	55 (179)	38 (125)	66 (215)
Max. recommended flow m³/h (gpm)	24 (106)	56 (247)	82 (360)	145 (640)	330 (1450)	580 (2570)	910 (4000)	1360 (6000)	1635 (7198)	2170 (9555)
Pilot Valve model	3PB	3PB	3PB	3PB	3PB	3-UL	3-UL	3-HC	3-HC	3-HC

Note: (1) Valve Equivalent Length Value (Steel Pipe), for use in hydraulically calculated system.

Especificaciones sugeridas

Datos técnicos

Tamaños disponibles:

Embridada- 1½, 2, 2½, 3, 4, 6, 8, 10, 12, 14 & 16"

Ranura (Victaulic)- 1½, 2, 2½, 3, 4, 6, 8 & 10"

Presión nominal:

ANSI #150 - 17.2 bar | 250 psi

ANSI #300: de 1½" a 10" - 25 bar | 365 psi

ANSI #300 - 12" a 16" - 20 bar | 300 psi

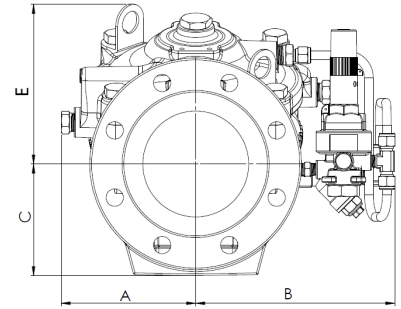
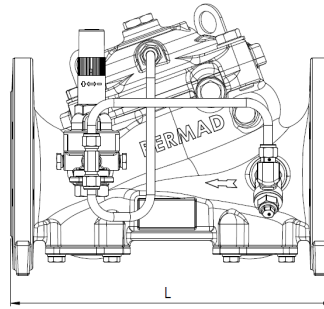
Ranura (Victaulic) - 25 bar | 365 psi

rango de ajuste: 0.3 - 1.7 bar | 5 - 25 psi

Elastómero:

HTNR - Fabric Reinforced High Temperature

Compound - See engineering data



Tamaño de Válvula	L #150 mm in	L ranurado mm in	L #300 mm in	A mm in	B mm in	C mm in	øD in	E mm in	F mm in	G mm in	Peso #150 kg lb	Peso #300 kg lb
DN40 1½"	230 9.1	230 9.1	230 9.1	77.5 3	155 6.1	64 2.5	-	120 4.7	-	-	18 40	19 45
DN50 2"	230 9.1	230 9.1	238 9.4	77.5 3	155 6.1	77 3	-	120 4.7	-	-	18 40	19 45
DN65 2½"	235 9.3	235 9.3	241 9.5	82 3.3	187 7.4	92 3.6	-	146 5.8	-	-	23 50	25 54
DN80 3"	310 12.2	310 12.2	326 12.8	100 4	251 9.9	106 4.2	-	146 5.8	-	-	34 75	38 165
DN100 4"	350 13.8	320 12.6	368 14.5	115 4.5	266 10.5	121 4.8	-	158 6.2	-	-	44 96	51 112
DN150 6"	480 18.9	480 18.9	506 19.9	140 5.5	372 14.7	140 5.5	-	228 9	-	-	87 192	107 235
DN200 8"	600 23.6	600 23.6	626 24.6	172 6.8	490 19.3	172 6.8	-	295 11.7	-	-	150 331	170 374
DN250 10"	730 28.7	730 28.7	730 28.7	204 8	490 19.3	204 8	-	296 11.7	-	-	180 397	116 255
DN300 12"	850 33.5	-	888 35	242 9.5	656 25.8	247 9.7	-	441 13.4	-	-	323 712	373 821
DN350 14"	980 38.6	-	980 38.6	242 9.5	656 25.8	272 10.7	-	441 17.4	-	-	356 784	428 942
DN400 16"	1100 43.3	-	1100 43.3	242 9.5	656 25.8	316 12.4	-	415 16.3	-	-	403 886	523 1151

Valve Code Designations

