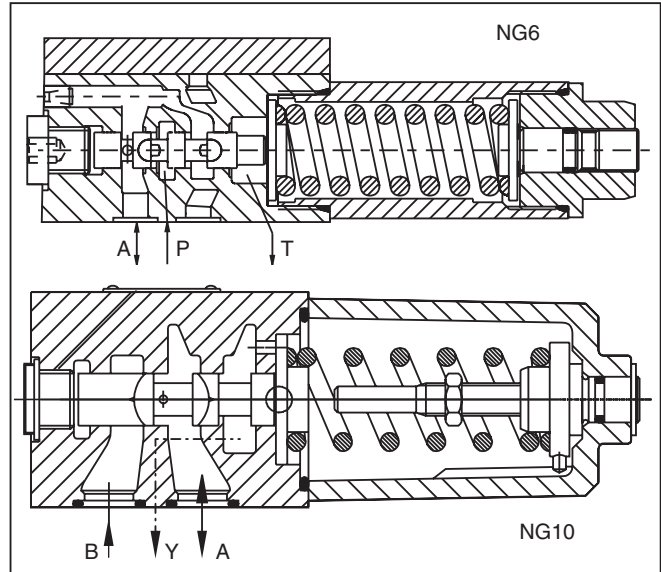
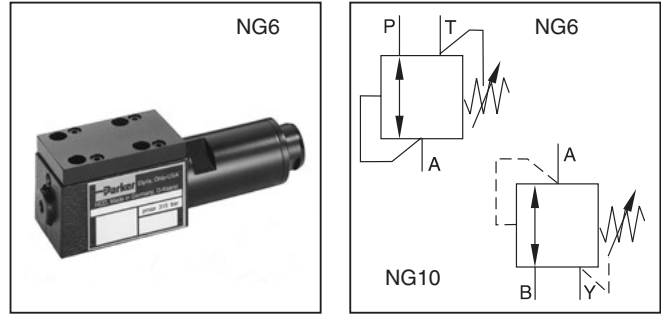


General Description

Series VM direct operated, pressure reducing valve with manual adjustment. Series VM is a direct-controlled, spring loaded 3-way pressure reducing valve, that is open in neutral position. The valve closes the connection from P to A (NG6) or B to A (NG10) when the pre-set pressure is exceeded.

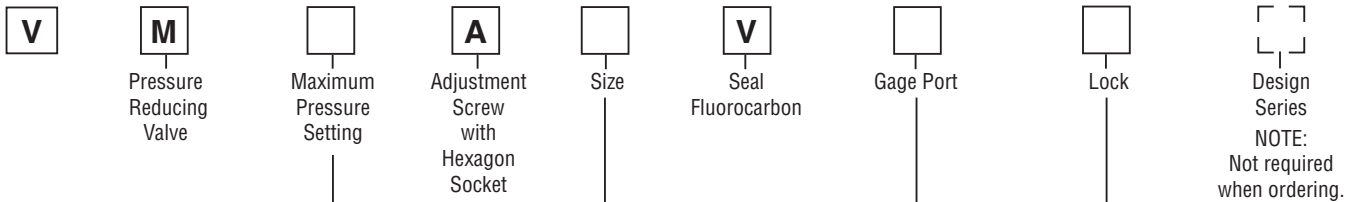
If the pressure increases due to an external influence in connection A, the spool moves and opens the connection from A to T (NG6) or A to Y (NG10) until the pre-set pressure is reached.



D Features

- Spool type valve
- Manifold mounting acc. to ISO 5871
- 5 pressure ranges at NG6
- 3 pressure ranges at NG10
- 2 adjustment modes

Ordering Information



Code	Description
025 ¹⁾	25 Bar (363 PSI)
064	64 Bar (928 PSI)
125 ²⁾	125 Bar (1813 PSI)
160 ¹⁾	160 Bar (2320 PSI)
210	210 Bar (3045 PSI)
350 ¹⁾	350 Bar (5075 PSI)

¹⁾ NG6 only
²⁾ NG10 only

Code	Description
06	NG6
10	NG10

Code	Description
G ¹⁾	1/4" BSPP
M	M18x1.5 ²⁾ M12x1.5 ¹⁾

¹⁾ NG6 only
²⁾ NG10 only

Code	Description
Omit	No Lock
Z	Cylinder Lock

Weight:
 VM*A06 1.3 kg (2.9 lbs.)
 VM*A10 3.7 kg (8.2 lbs.)

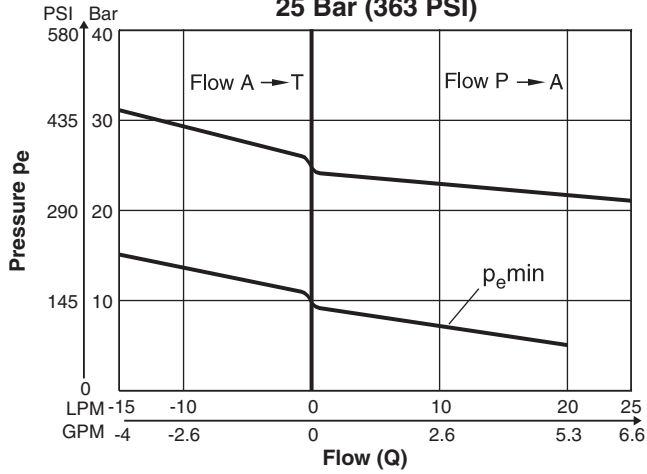
WARNING: This product can expose you to chemicals including Lead, Nickel (Metallic), or 1,3-Butadiene which are known to the State of California to cause cancer, and Lead or 1,3-Butadiene which is known to the State of California to cause birth defects and other reproductive harm. For more information go to www.P65Warnings.ca.gov.

General		
Size	NG6	NG10
Interface	Subplate mounting acc. ISO 5781	
Mounting Position	Unrestricted	
Ambient Temperature	-20°C to +70° (-4°F to +158°F)	
Hydraulic		
Working Pressure	Ports P and A 350 Bar (5075 PSI) Port T depressurized	Ports A and B 210 Bar (3045 PSI) Port Y depressurized
Pressure Range	25, 64, 160, 210, 350 Bar (363, 928, 2320, 3045, 5075 PSI)	64, 125, 210 Bar (928, 1813, 3045 PSI)
Nominal Flow	25 LPM (6.6 GPM)	60 LPM (15.9 GPM)
Pressure Fluid	Hydraulic oil according to DIN 51524 ... 525	
Viscosity	Recommended 30 to 50 cSt / mm ² /s (139 to 232 SSU) Maximum 20 to 380 cSt / mm ² /s (93 to 1761 SSU)	
Pressure Fluid Temperature	Recommended +30°C to +50°C (+86°F to +122°F) Permitted -20°C to +70° (-4°F to +158°F)	
Filtration	ISO 4406 (1999), 18/16/13	

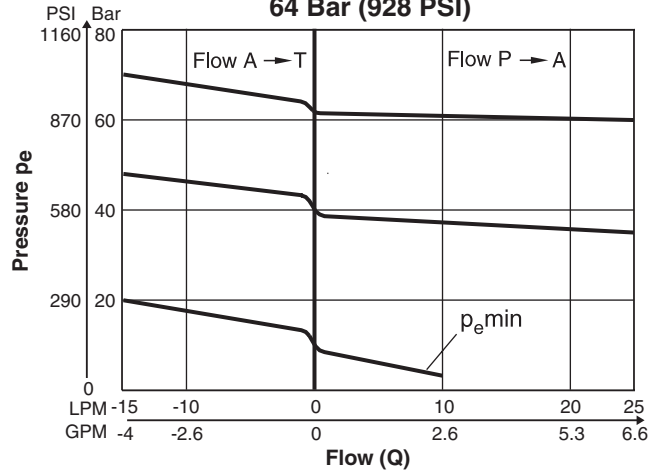
D

VM*06

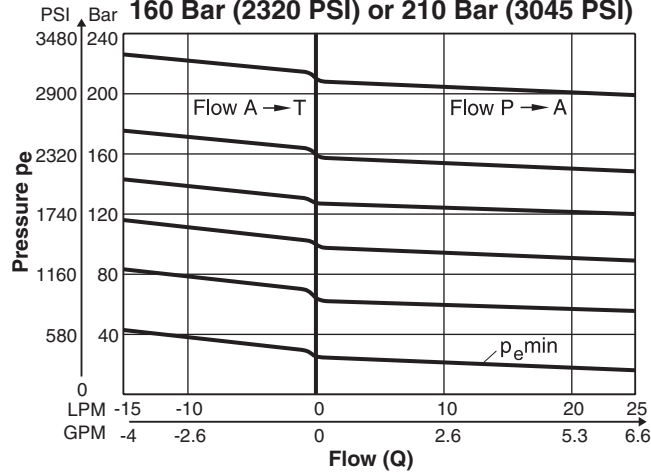
Maximum Pressure Setting
25 Bar (363 PSI)



Maximum Pressure Setting
64 Bar (928 PSI)

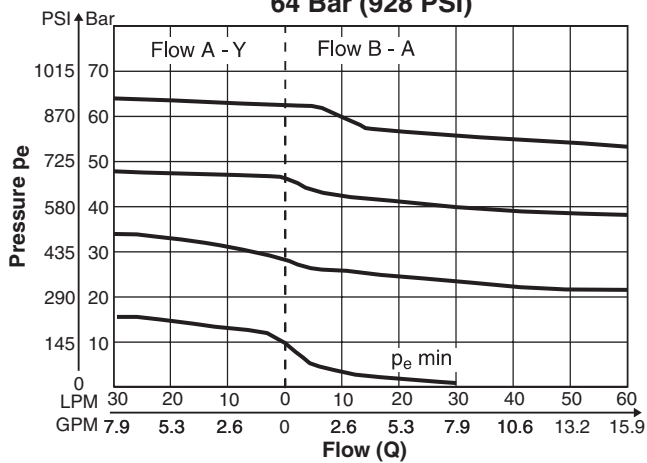


Maximum Pressure Setting
160 Bar (2320 PSI) or 210 Bar (3045 PSI)

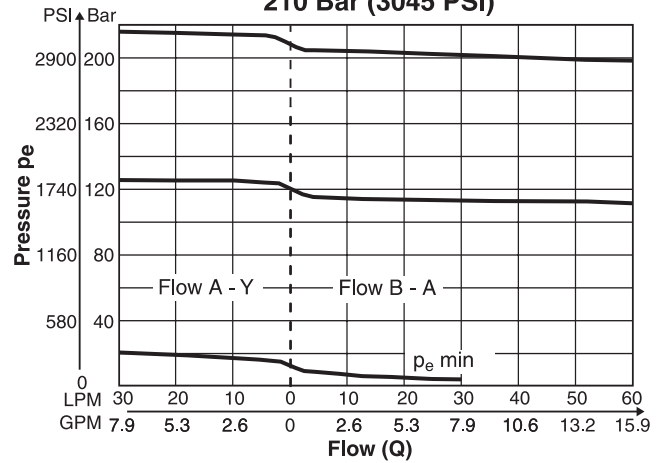


VM*10

Maximum Pressure Setting
64 Bar (928 PSI)

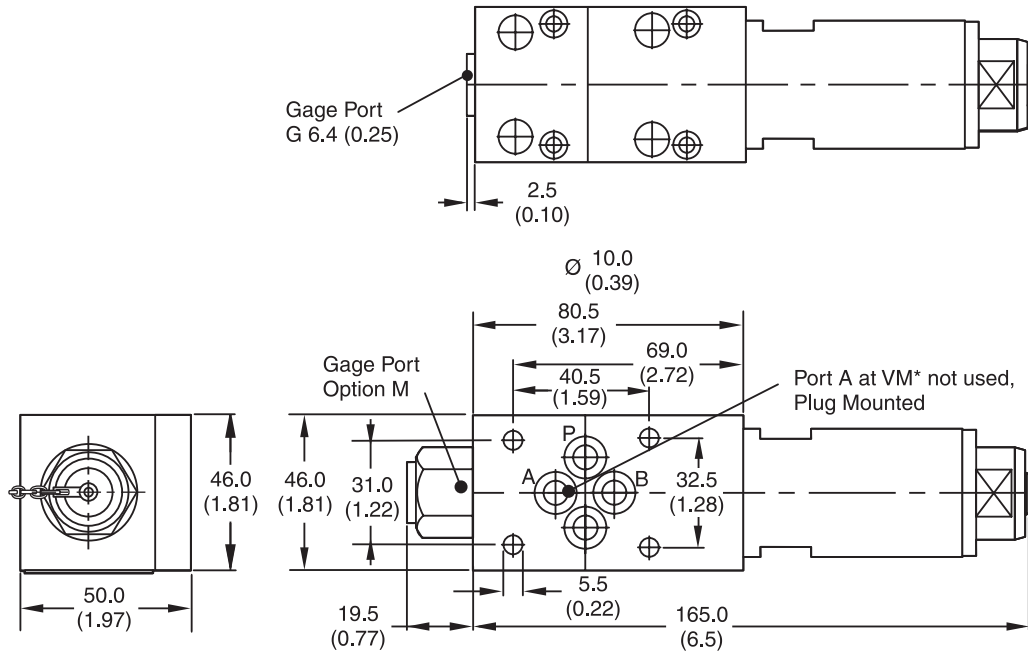





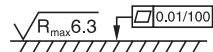
Maximum Pressure Setting
210 Bar (3045 PSI)



VM*06

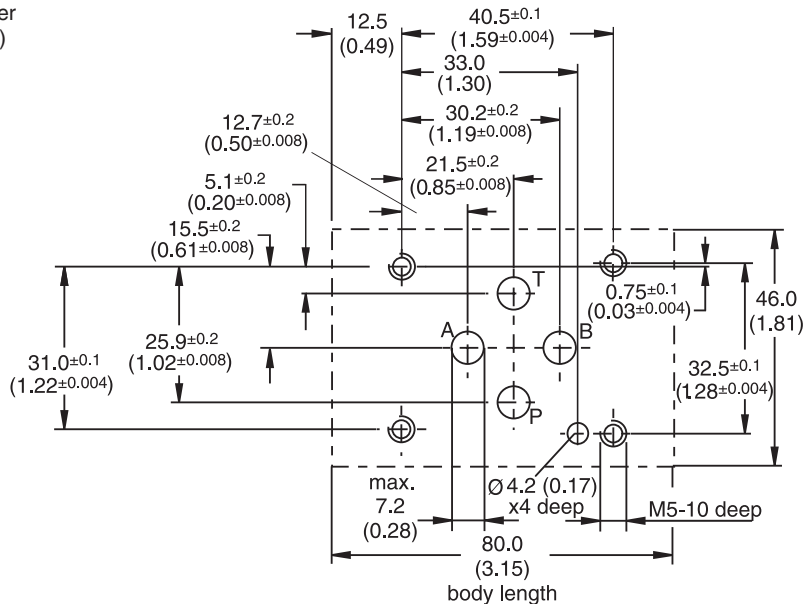
Inch equivalents for millimeter dimensions are shown in (**)



Surface Finish	Bolt Kit  DIN912 12.9		Seal Kit  Fluorocarbon
	BK375 4x M5x30	8.1 Nm (6.0 lb.-ft.)	SK-VB/VM/VS-V

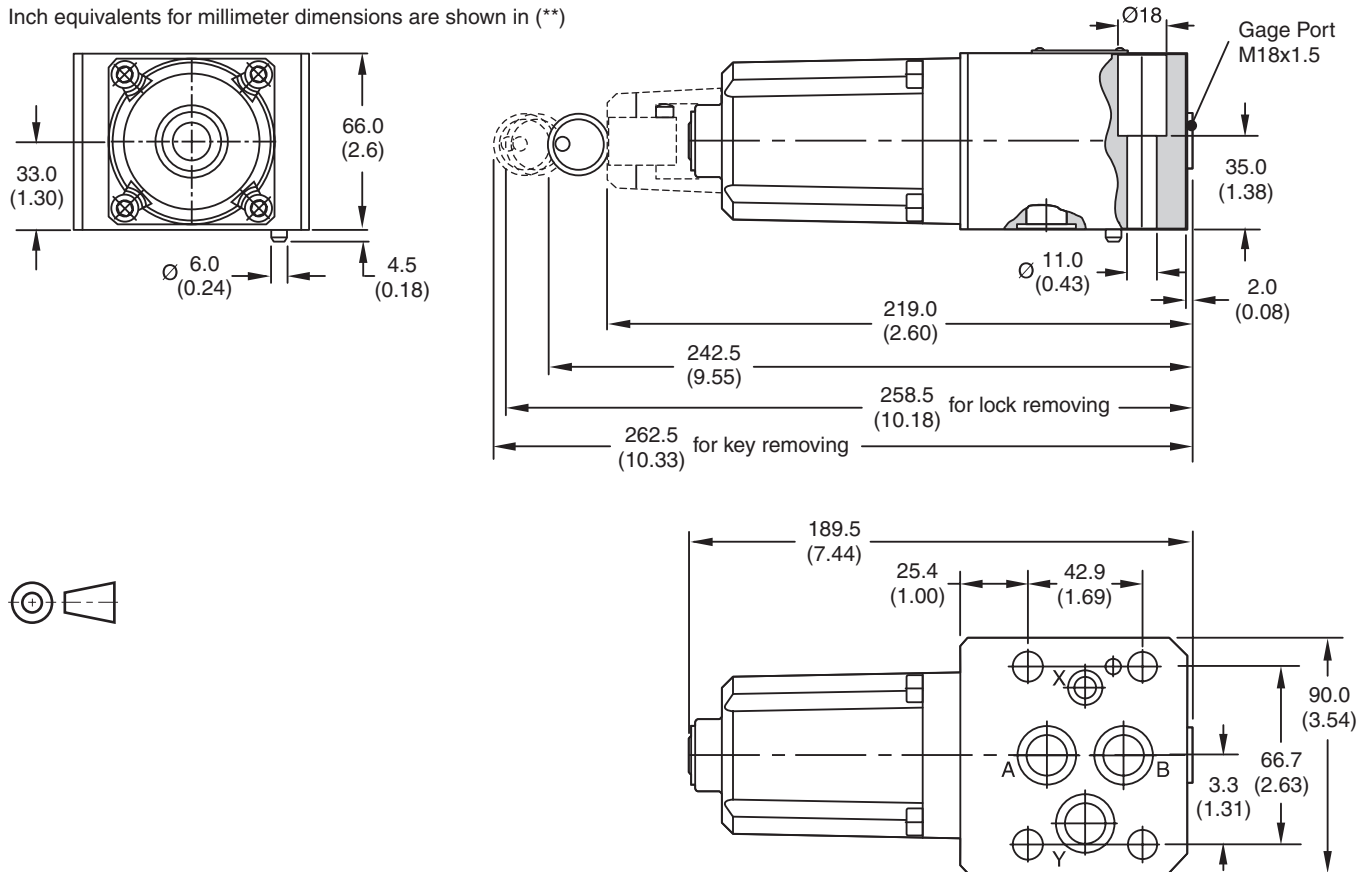
**Mounting Pattern ISO 5871-03-04-0-00
(NFPA D03, CETOP 3, NG6)**

Inch equivalents for millimeter dimensions are shown in (**)






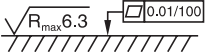
VM*10

Inch equivalents for millimeter dimensions are shown in (**)



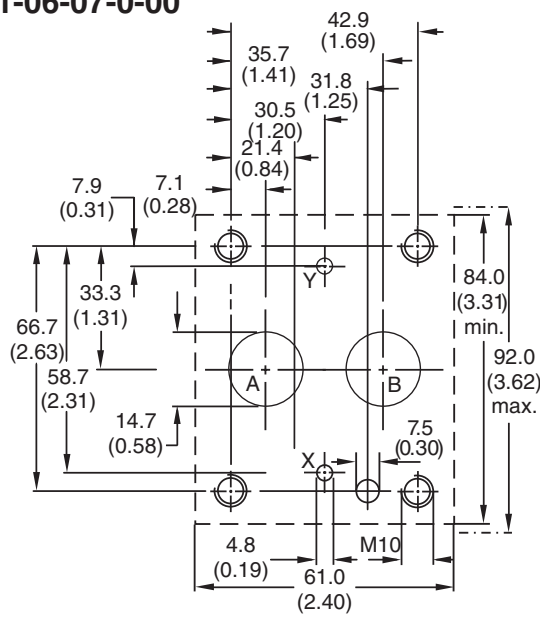
D



Surface Finish	Bolt Kit  DIN912 12.9		Seal Kit  Fluorocarbon
	BK389 4x M10x50	65 Nm (47.9 lb.-ft.)	SK-VB/VM-A10V

Mounting Pattern ISO 5871-06-07-0-00

Inch equivalents for millimeter dimensions are shown in (**)



Subplate	Size
SPP3M6B910	A, B = 3/4" BSPP x, y = 1/4" BSPP