

Features

- Modular reducing valves limit the pressure downstream from the valve to the set value of the adjustment. The valve will open if the downstream pressure is lower than the setting. If pressure downstream exceeds the setting it is relieved to tank. The reducing valve can be used to maintain lower pressures in branches of the system.
- Modular design allows stacking of other modules to create custom circuits to improve the system design,
- Modular valves are flexible, easy to replace and maintain without the cost of custom manifolds.
- Option for pressure reduction in P, A or B ports.



Ordering Details

V	Valve			
M	Modular			
U-	Type: U = Reducing			
6-	Mounting Size			
P-	Circuit Function			
R-	Adjustment Type: H = Allen Wrench, R=Rotary Knob			
30-	Maximum Pressure Setting			
1	Series			

Code	Size
6	NG6 (D03)
10	NG10 (D05)
16	NG16 (D07)
25	NG22/25 (D08)

Code	Pressure Adjustment Range psi	Mounting Size NG
10	101.5 - 1015	6, 10, 16, 22
30	1015 - 3045	6, 10
36	1015-3625	16, 22

Code	Symbol
P	
A	
B	

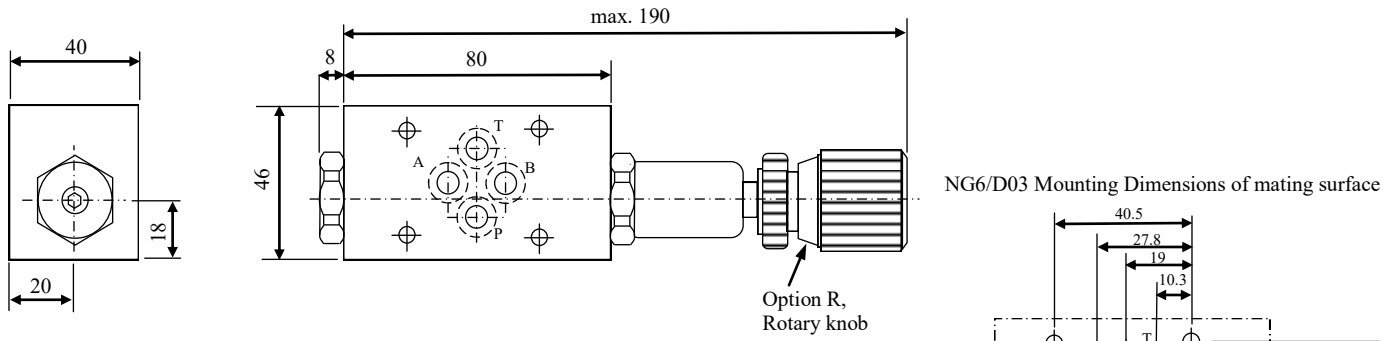
Example Part Number: VMU-6-P-R-30-1

Technical data

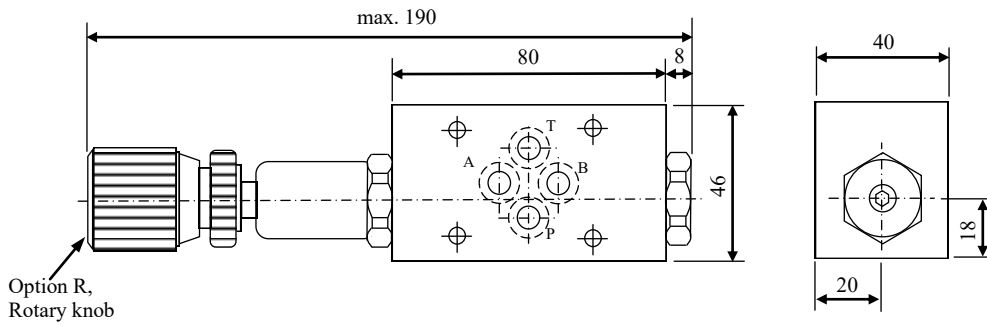
Size	Max. Flow lpm (gpm)	Max. Pressure, bar (psi)	Weight Kg (lbs.) P, A and B Circuit	Fluid Recommendation	Working temperature	Oil Cleanliness
VMU-6	35 (9)	210 (3045)	1.3 (2.9)	Mineral Based, viscosity 2.8- 500mm ² /s	-30 to +80°C (-4 to +176°F)	According to ISO4406 Class 20/18/15
VMU-10	70 (18)	210 (3045)	2.8 (6.2)			
VMU-16	300 (79)	250 (3625)	7.5 (16.5)			
VMU-25	450 (118)	250 (3625)	11.6 (25.5)			

Dimensional Data, VMU (Dimensions in mm)

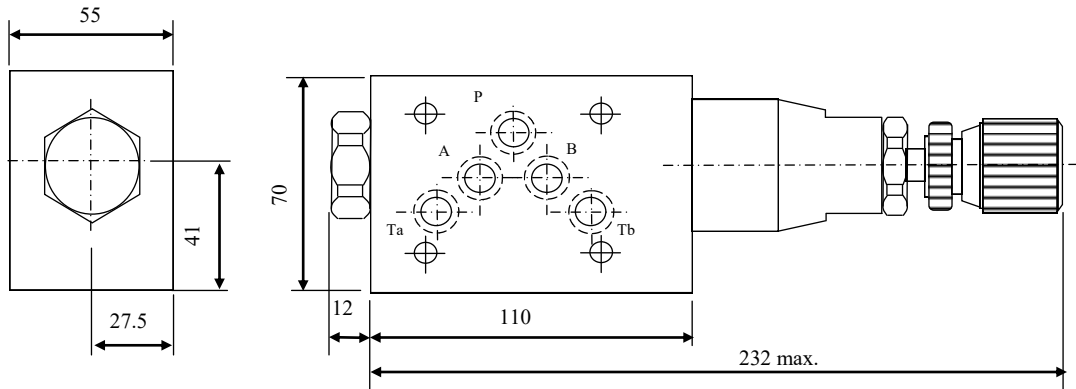
VMU-6-P/A



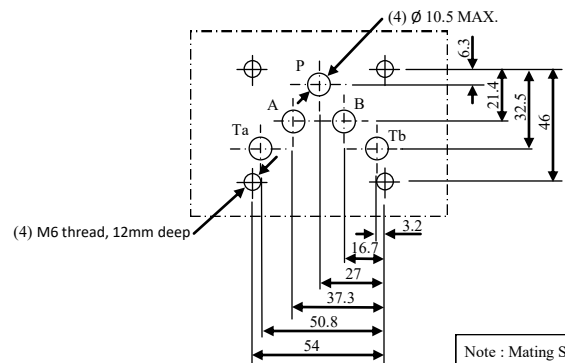
VMU-6-B



VMU-10-P/A/B



NG10/D05 Mounting Dimensions of mating surface

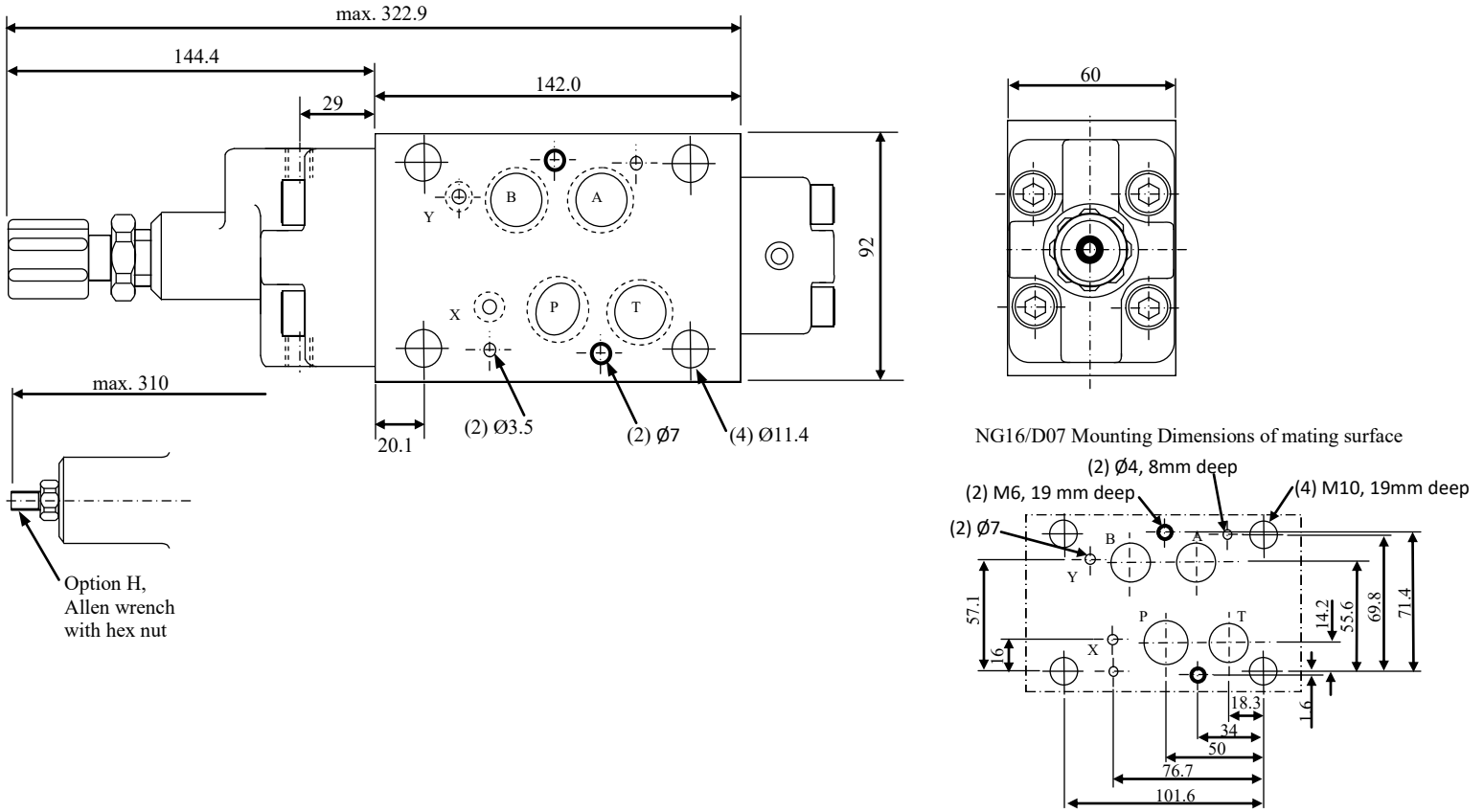


Note : Mating Surface Requirement

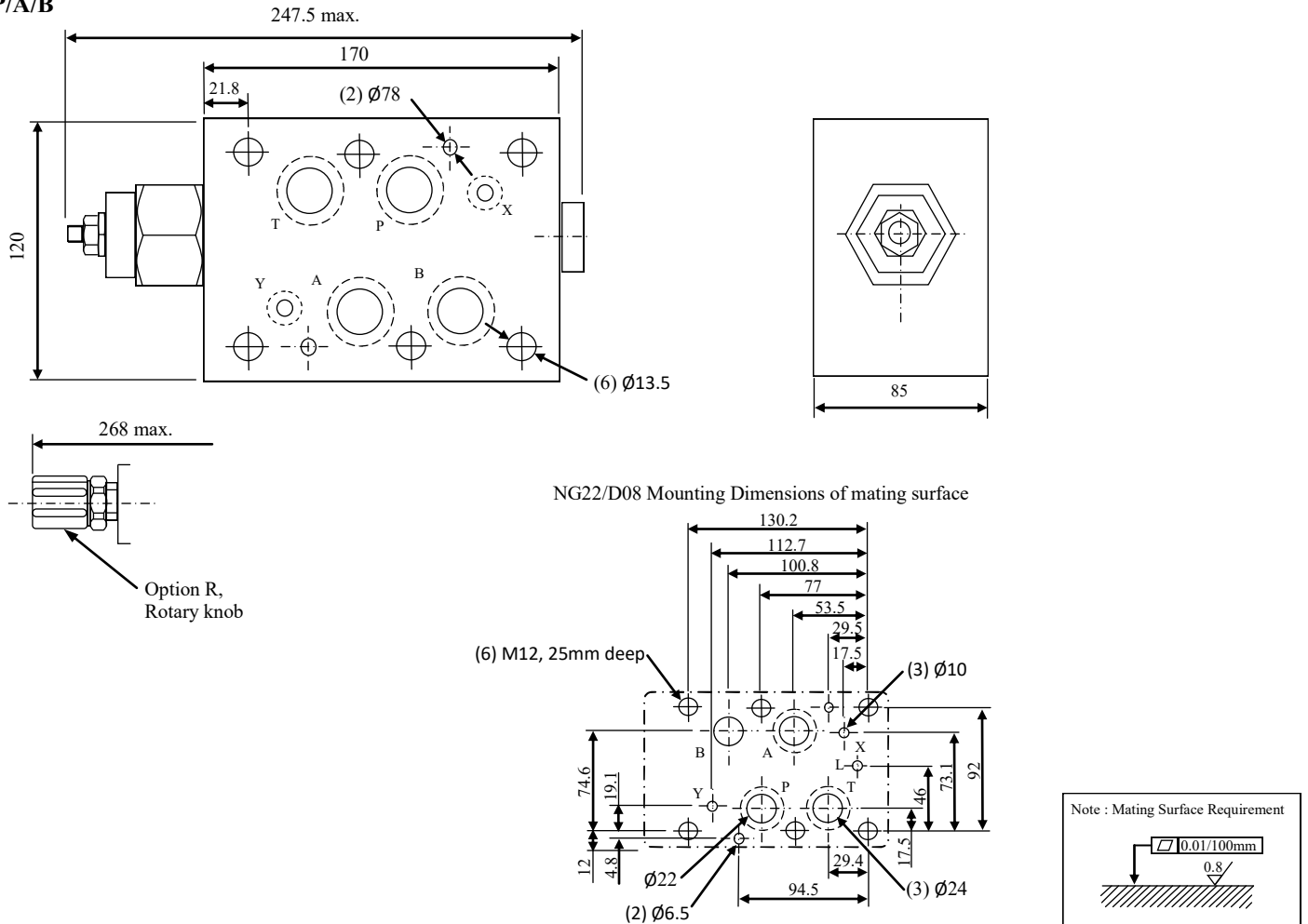
Surface texture symbol: $\sqrt{0.01/100\text{mm}}$ with a secondary value of 0.8.

Dimensional Data, VMR (Dimensions in mm)

VMU-16-P/A/B



VMU-25-P/A/B



Note : Mating Surface Requirement

$\sqrt{0.01/100\text{mm}}$

0.8