

DESCRIPTION

Anfield valve model MAV12 model is a 12 gpm (45 l/m) monoblock directional valve that is only offered in a single spool configuration for a compact design. MAV12 features metered spools for smooth shifting and transition, built in adjustable relief valve, hardened steel spools and come standard with SAE 8 work and inlet/outlet port. The hand levers are field adjustable for either horizontal or vertical mounting. Stock configurations with open center, blocked center for cylinder applications or Pressure blocked, A & B to Tank center position for motor applications.



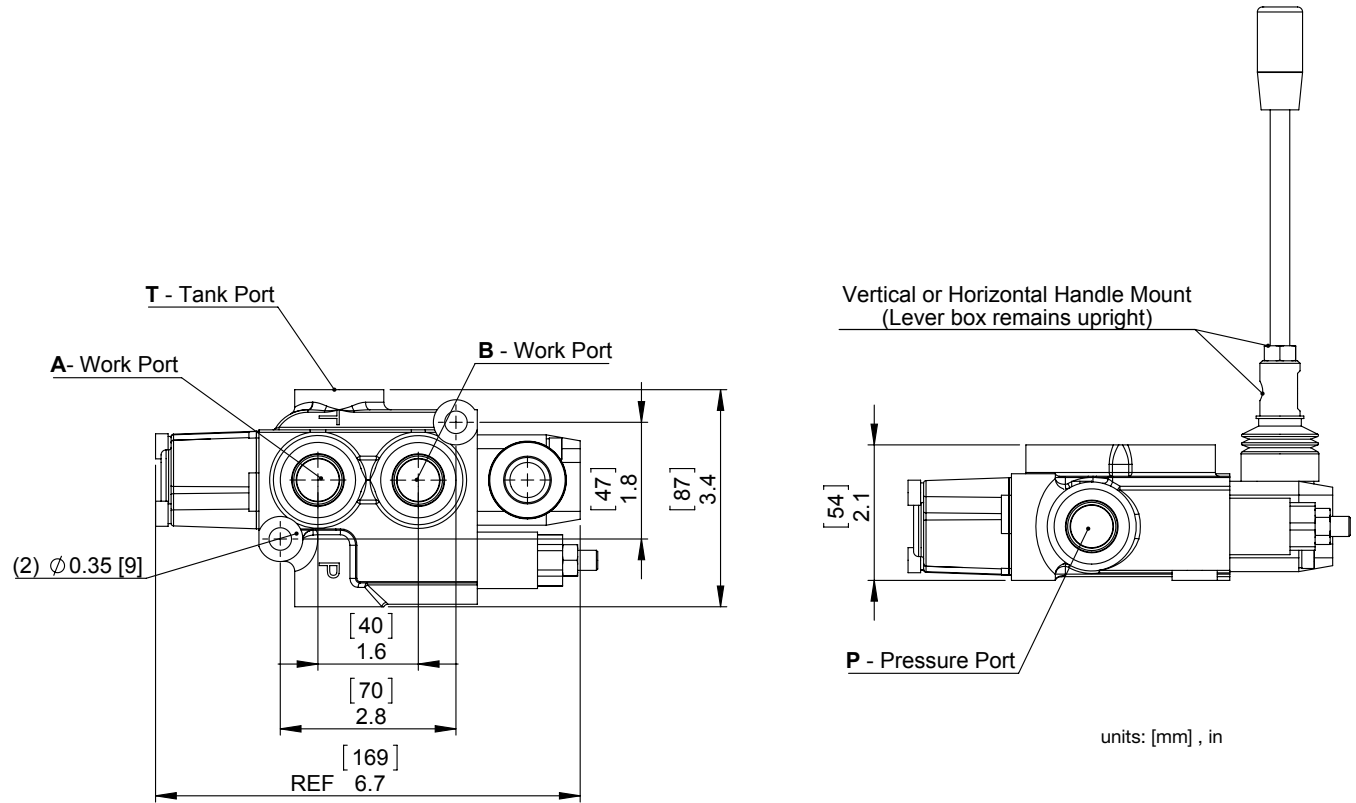
TYPICAL APPLICATIONS

- Agricultural
- Construction
- Mining
- Material Handling Equipment
- Maintenance Machinery

MAV12 TECHNICAL DATA

Nominal Flow Rate	12 GPM	45 L/min
Max Flow Rate	14 GPM	55 L/min
Sections Available	1 Section	
Max. Operating Pressure	4500 psi	310 bar
Max Pressure for P port	4500 psi	310 bar
Max Pressure for A & B port	4500 psi	310 bar
Max Pressure for T port	360 psi	25 bar
Recommended Oil Viscosity Range	0.02 to 0.12 in ² /s	15 to 75 mm ² /s
Recommended Temperature Range	-40°F to 140°F	-40°C to 60°C
Weight	7.5 lbs	3.3 kg

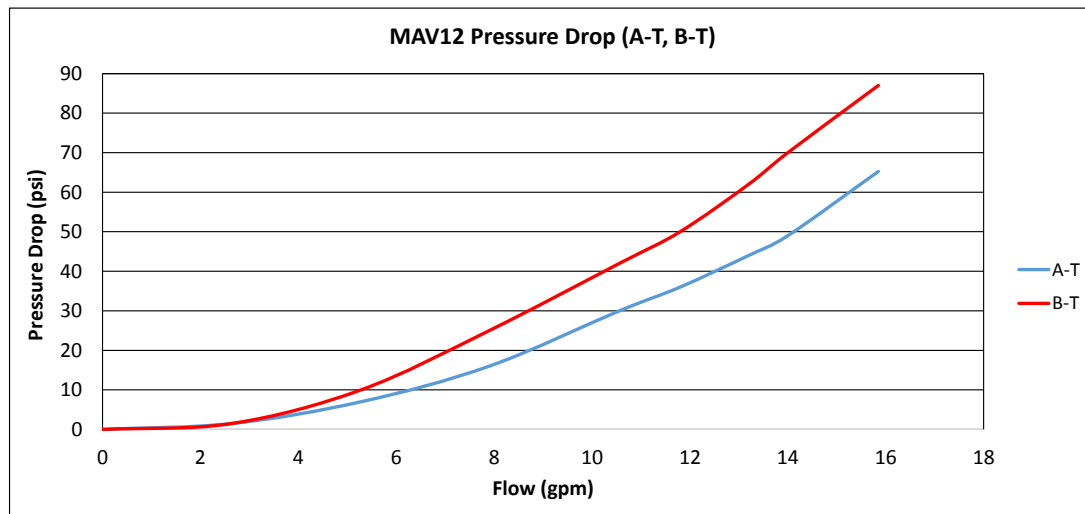
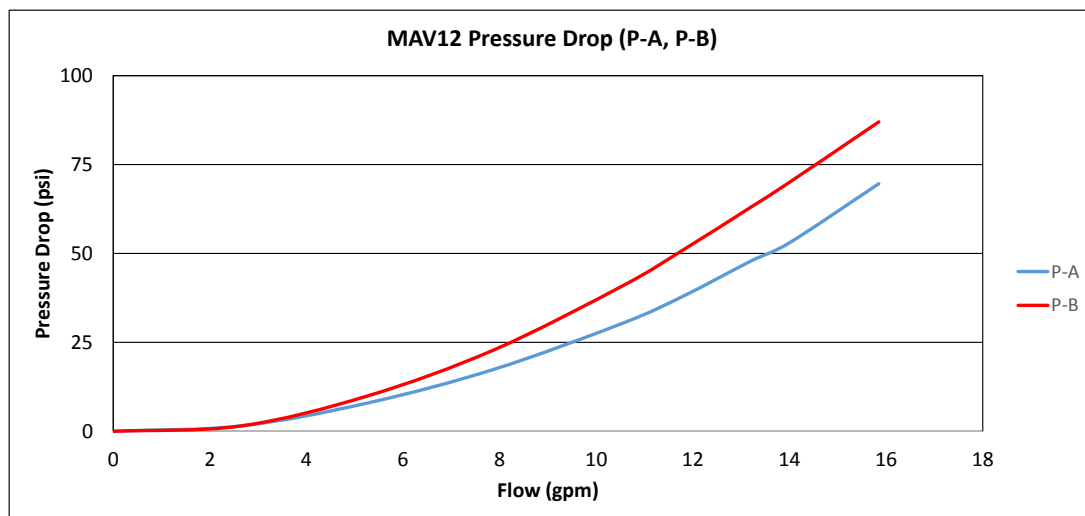
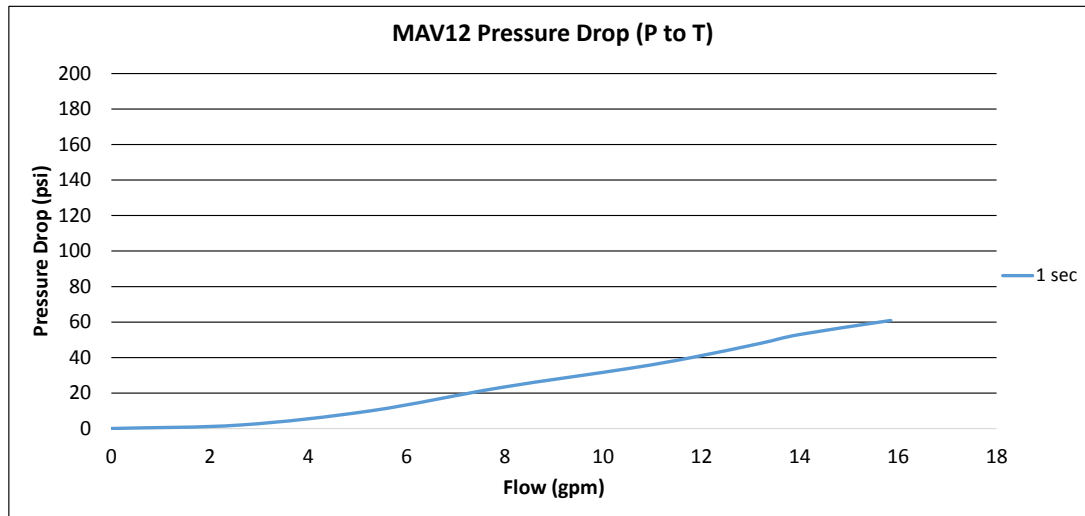
MAV12 DIMENSIONS



STANDARD THREADS

MAV12 PORTS	Inlet P	A and B	Outlet T
	3/4-16 (SAE 8)	3/4-16 (SAE 8)	3/4-16 (SAE 8)

MAV12 PERFORMANCE CHARTS



MAV12 ORDERING CODE

Example :

MAV-12 - 1S - R2 - D1 - 1 - L - 8S - M1

1. BODY KITS :

1S - 1 Section (Only offered with 1 section)

2. INLET RELIEF:

R2 - 40 Bar to 180 Bar (580 psi to 2610 psi), Standard Setting 80 Bar (1160 psi)

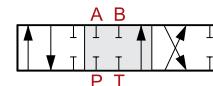
R3 - 63 Bar to 200 Bar (914 psi to 2900 psi), Standard Setting 120 Bar (1740 psi)

R4 - 160 Bar to 315 Bar (2320 psi to 4568 psi), Standard Setting 220 Bar (3190 psi)

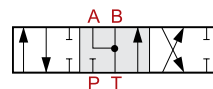
SV Relief valve blanking plug

3. SPOOL TYPE:

D1 - 4 Way 3 Position
A, B Closed in Neutral Position



D2 - 4 Way 3 Position
A, B Open to Tank in neutral Position



4. A SIDE SPOOL POSITION

1 - 3 Position Detent



S - Spring Center to Neutral



5. B SIDE SPOOL POSITION

L - Lever Handle

DP - Dust Plate (No handle and handle box)

6. THREAD

8S - A & B Ports - 3/4-16 (SAE8)

7. PORT

M1 - No Power Beyond