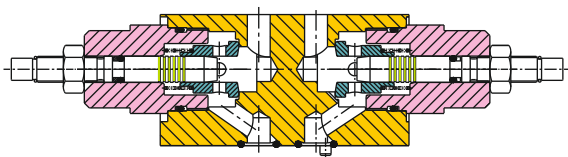


SERIES - MV4-3



Basic Characteristics

Operating Pressure (maximum) - 315 bar (4500 psi)

Rated Capacity (maximum) - 60 L/min

Approx. Weights

MV4-3 = 1.1 kg

General Description

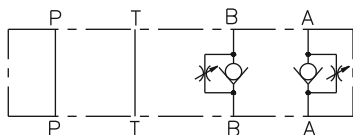
These valves regulate flow by means of an adjustable orifice which is not pressure compensated, and flow through the valve is entirely dependent upon pressure drop at any particular setting of the orifice.

Dual service-line models with an integral non-return valve around each control orifice provide for meter-in or meter-out control; single line versions of these are available.

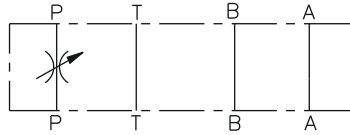
For flow restriction in P or T lines (where reverse free flow is not required) model without Check Valves are available.

Functional Symbols

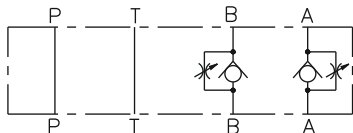
MV4 - 3 - X - A*W - B*W



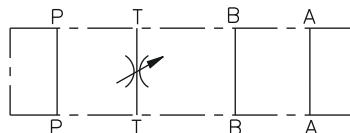
MV4 - 3 - Z - P



MV4 - 3 - Y - A*W - B*W



MV4 - 3 - Z - T2W



ORDERING INFORMATION

MV **4** **-** **3** **-** ***** **-** ***** ***** **W** **-** (***** ***** **W**) **-** **40**
 1 2 3 4 5 6 7 8 9 10 11

1. Model Code - MV

2. Model Series - 4

3. Arrangement - CETOP 3

4. Direction of Flow -

X = Meter - in (A and / or B)

Y = Meter - out (A and / or B)

Z = Meter - in (P Line)

 Meter - out (T Line)

5 & 8. Control Line -

A = Line A (single or dual with B)

B = Line B (single Control)

P = Line P (single Control)

T = Line T (single Control)

6 & 9. Control Type -

1 = Fine Control

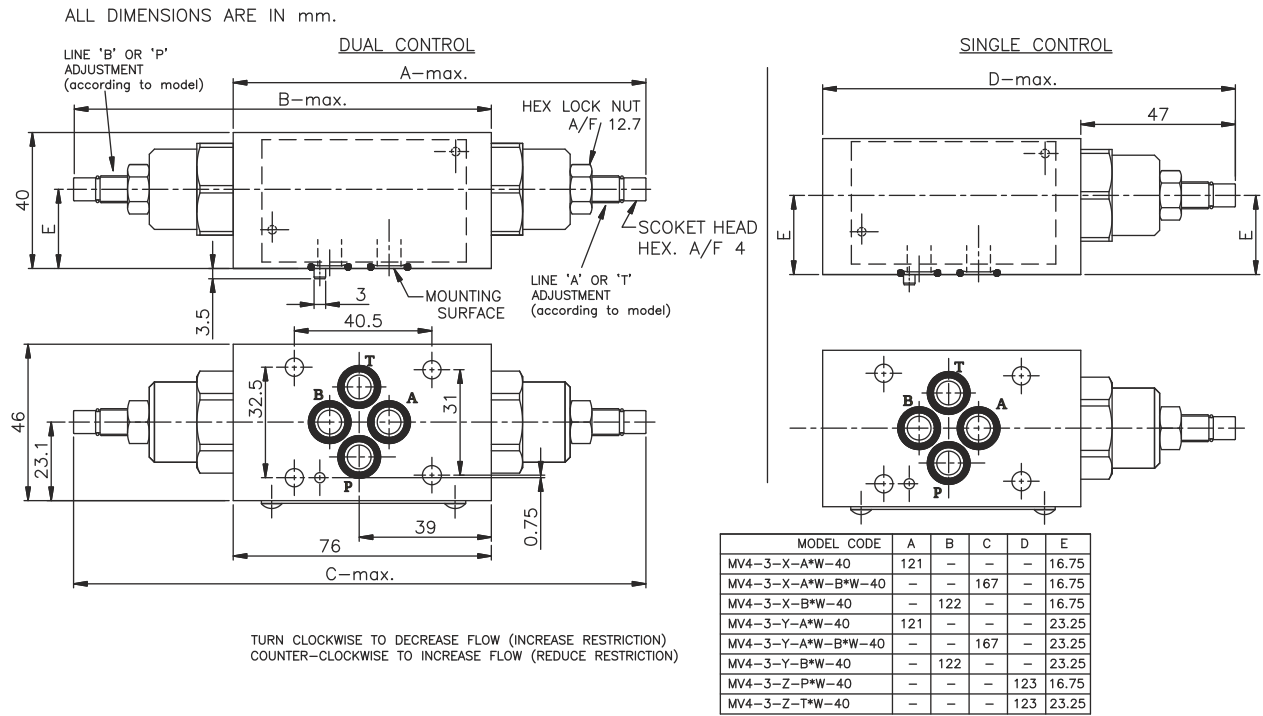
2 = Standard Control

7 & 10. Adjustment type -

W = Screw & Locknut (standard)

10. Design No - 40 (Subject to change)

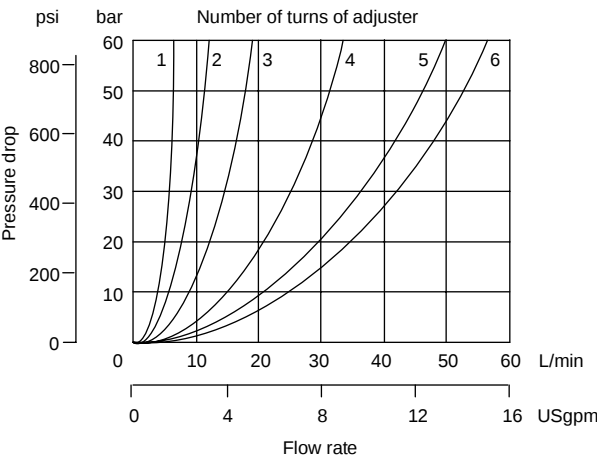
Typical Model Code :- **MV4 - 3 - X - A2W - B2W - 40**



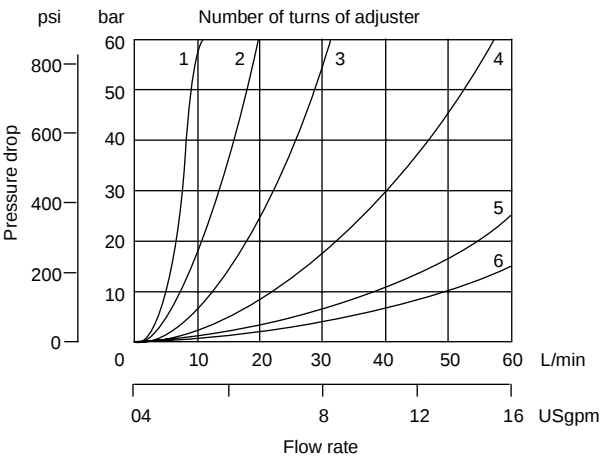
Pressure Drop

Typical performance with mineral oil at 21 cSt (102 SUS) and at 50°C(122°F)

Type "1" needle (see model codes [6] and [9])



Type "2" needle (see model codes [6] and [9])



Free flow through check valve

