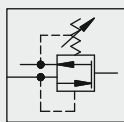
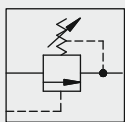


COUNTERBALANCE VALVES & SEQUENCE VALVES



SERIES - MV6/MV7-3

Basic Characteristics

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

Rated Capacity (maximum) - 60 L/min

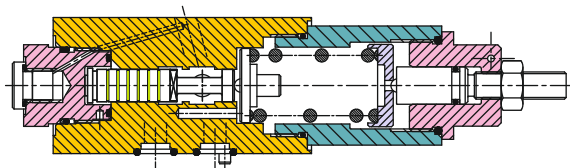
Approx. Weights

MV6/MV7-3 = 1.3 kg

General Description

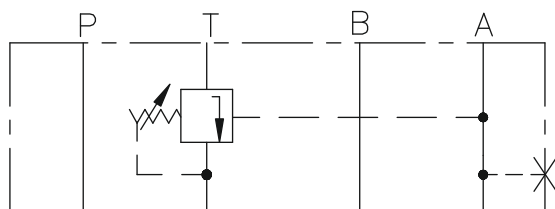
These single-stage valves operate by the application of pressure on the end of the valve spool, acting against a spring which is loaded by means of the adjustment mechanism.

In the Counterbalance and Sequence Valves the spool is offset by the spring such that flow cannot pass through the valve. When the force is exerted by the pilot pressure on the spool and exceeds the force of the main spring, the spool is moved to allow flow through the valve.

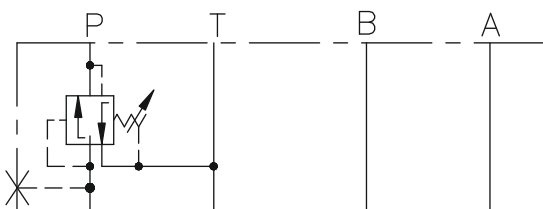


Functional Symbols

MV6 - 3 - TA



MV7 - 3 - PP



ORDERING INFORMATION

MV *OR* - 3 - ** - * - W - * - 40

1 2 3 4 5 6 7 8

1. Model Code - MV

2. Model Series - 6 (Counterbalance Function)
7 (Sequence Function)

3. Arrangement - CETOP 3

4. Control Type -
TA = Counterbalance Control in T line,
Controlled Pressure in A line
PP = Sequence Control in P line,
Controlled Pressure in P line

5. Pressure Range -

HR = 44 - 435 psi

YD = 52 - 1015 psi

HC = 145 - 2030 psi

DR = 290 - 3625 psi

6. Adjustment type -

W = Screw & Locknut (standard)

7. Gauge Port Thread Type -

B = 1/8" BSPF

S = 7/16"-20 UNF-2B

8. Design No - 40 (Subject to change)

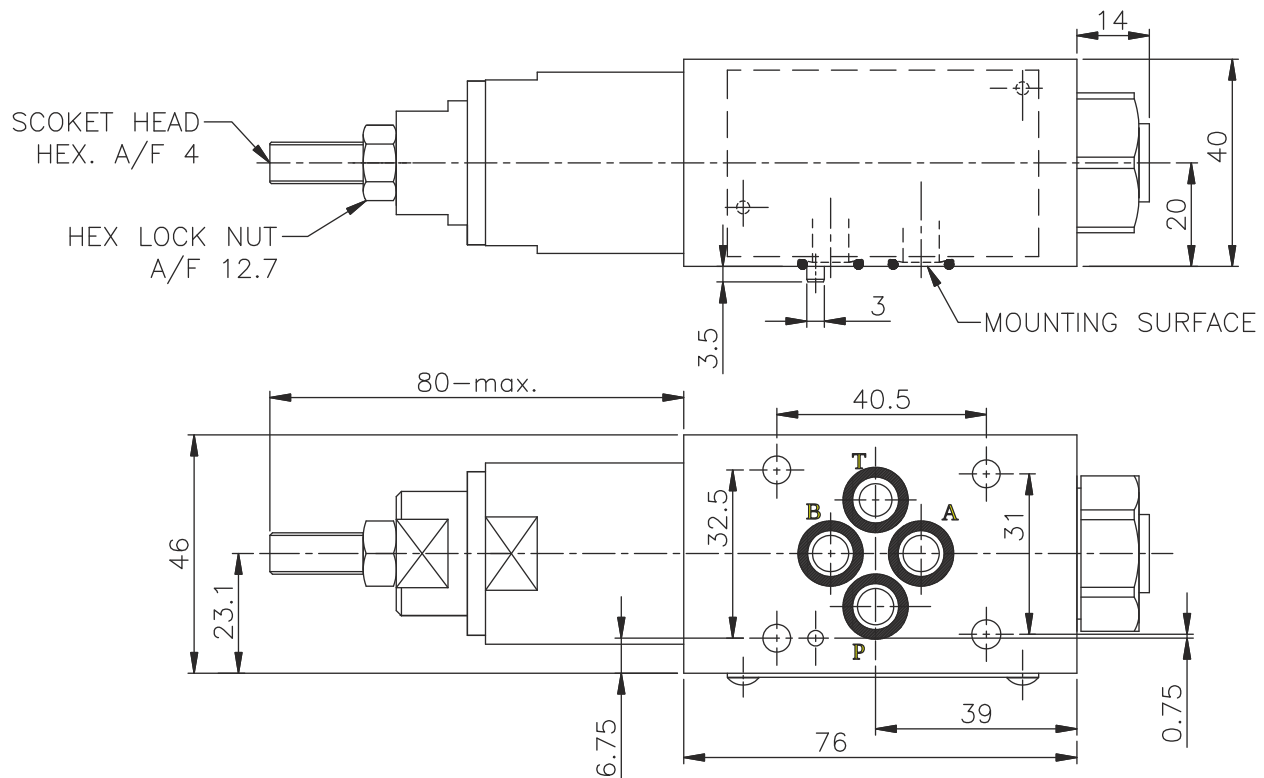
Typical Model Code :- **MV6 - 3 - TA - HR - W - B - 40**
MV7 - 3 - PP - HR - W - B - 40

ALL DIMENSIONS ARE IN mm.

TO ADJUST VALVE SETTING SLACKEN OFF LOCKNUT
& TURN ADJUSTER SCREW.
TURN CLOCKWISE TO INCREASE PRESSURE, COUNTER-CLOCKWISE TO
DECREASE PRESSURE. RE-TIGHTEN LOCKNUT AFTER COMPLETING
ADJUSTMENT.

MV6-3-TA-*-W-*-40

MV7-3-PP-*-W-*-40



Performance Characteristics

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

