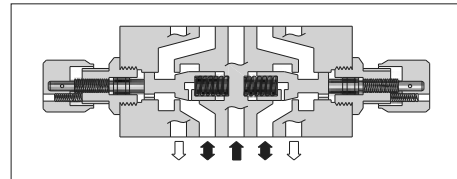


Throttle and Check Modular Valves

Specifications

| Model Numbers | Max. Operating Pressure MPa (PSI) | Max. Flow L/min (U.S.GPM) |
|---|--------------------------------------|------------------------------|
| MSA-03-*-40 MSB-03-*-40 MSW-03-*-40 | 25 (3630) | 120 (31.7) |



Model Number Designation

| F- | MSW | -03 | -X | -40 | * |
|---|---|------------|---|---------------|-----------------|
| Special Seals | Series Number | Valve Size | Direction of Flow | Design Number | Design Standard |
| F: Special Seals for Phosphate Ester Type Fluids (Omit if not required) | MSA : Throttle and Check Valve for A-Line MSB : Throttle and Check Valve for B-Line MSW : Throttle and Check Valve for A&B-Lines | 03 | X : Metre-out Y : Metre-in | 40 | Refer to ★ |

★ Design Standards: None Japanese Standard "JIS", European Design Standard and N. American Design Standard

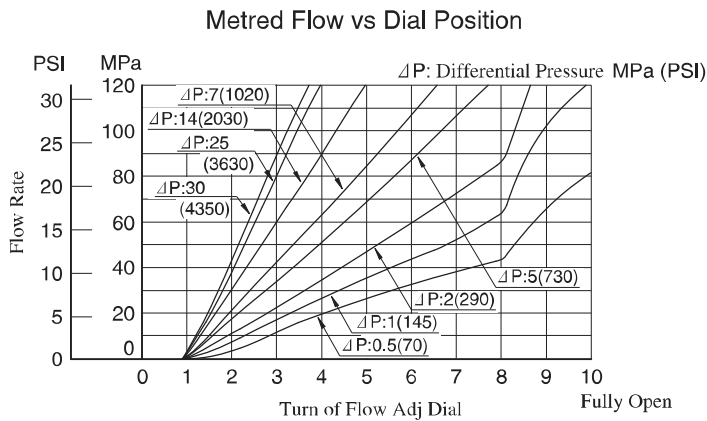
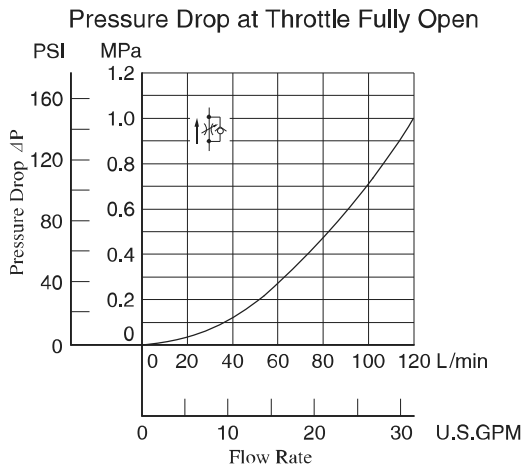
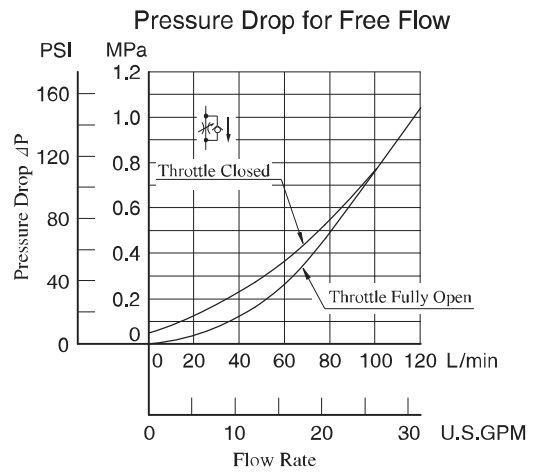
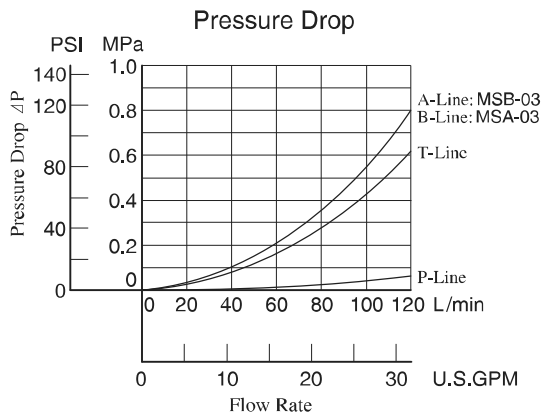
Instructions

- To make flow rate adjustment, loosen locking screw for the dial and turn the flow adjustment dial clockwise or anti-clockwise. For a decrease of flow, turn the dial clockwise. Be sure to re-tighten the locking screw firmly after the adjustment of the flow rate.

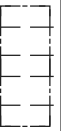
| Model No. | Graphic Symbols | Detailed Graphic Symbols | Model No. | Graphic Symbols | Detailed Graphic Symbols |
|-----------|-----------------|--------------------------|-----------|-----------------|--------------------------|
| | Metre-out | | | Metre-in | |
| MSA-03-X | | | MSA-03-Y | | |
| MSB-03-X | | | MSB-03-Y | | |
| MSW-03-X | | | MSW-03-Y | | |

Typical Performance Characteristics

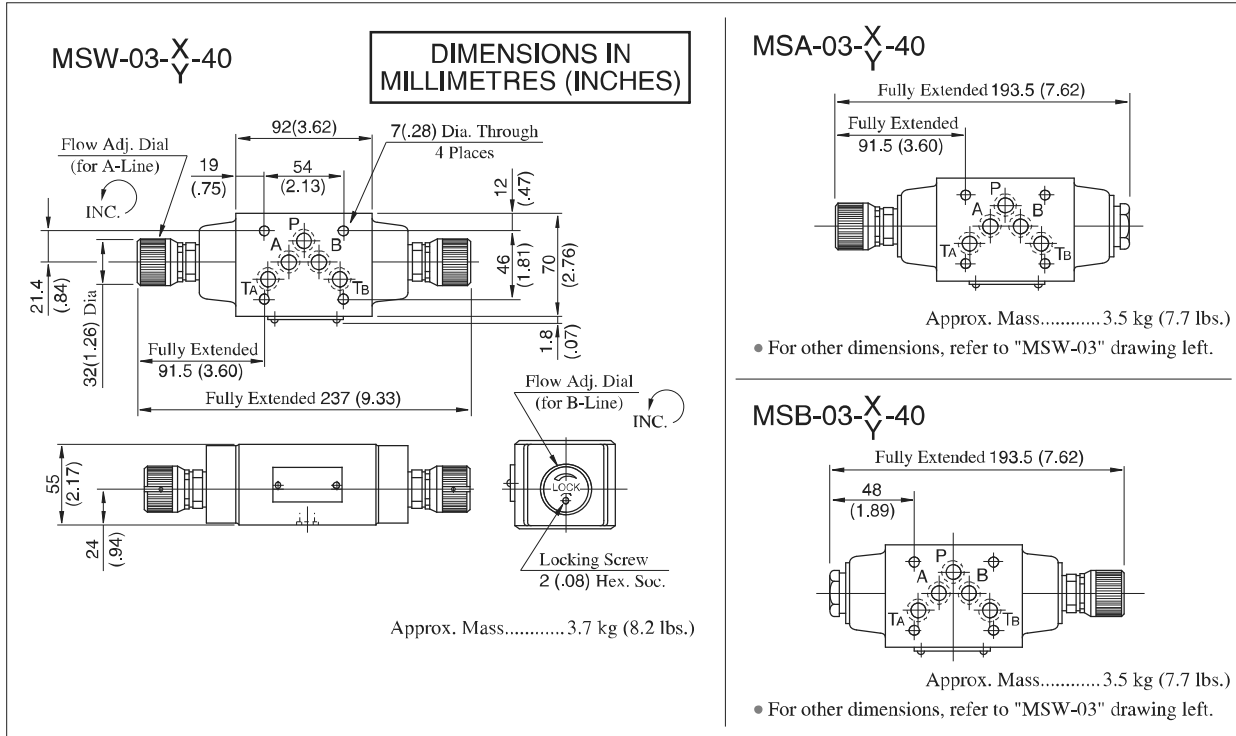
Hydraulic Fluid: Viscosity 35 mm²/s (164 SSU), Specific Gravity 0.850



F



03 Series Modular Valves



■ Spare Parts List

