

## Check and Throttle Modular Valves

### Specifications

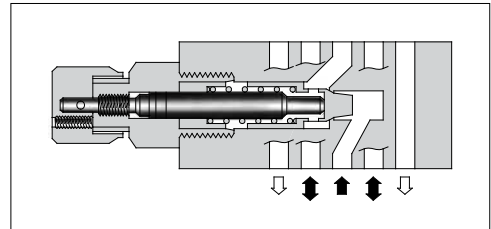
Model Number	Max. Operating Pressure MPa (PSI)	Max. Flow L/min (U.S.GPM)
MSCP-03-20	25 (3630)	70 (18.5) *

★ Maximum flow decreases when the differential pressure is less than 1 MPa (145 PSI).  
See "Pressure Drop at Throttle Fully Open".

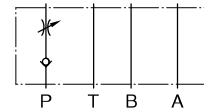
### Model Number Designation

F-	MSCP	-03	-20	*
Special Seals	Series Number	Valve Size	Design Number	Design Standard
<b>F:</b> Special Seals for Phosphate Ester Type Fluids (Omit if not required)	<b>MSCP :</b> Check and Throttle Valve for P-Line	<b>03</b>	<b>20</b>	Refer to ★

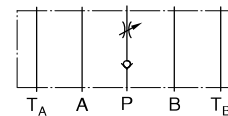
★ Design Standards: None ..... Japanese Standard "JIS", European Design Standard and N. American Design Standard



Graphic Symbol

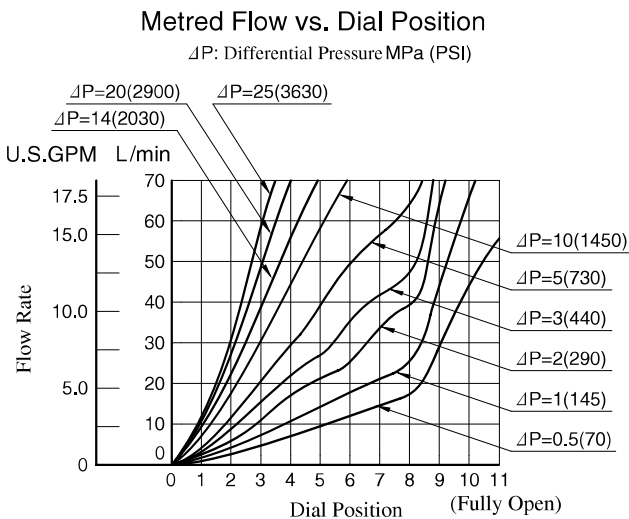
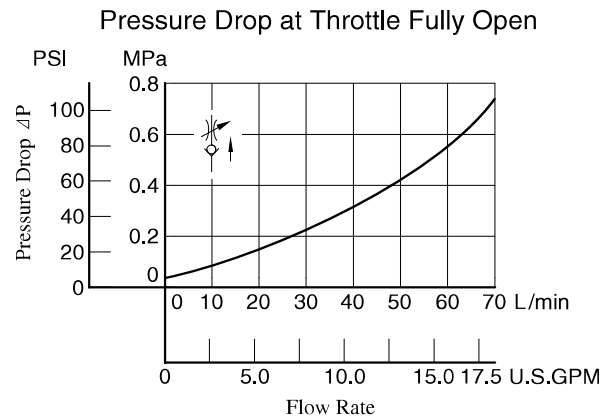
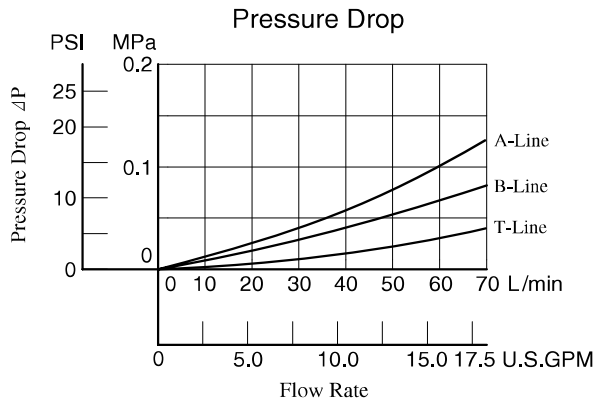


Detailed Graphic Symbol



### Typical Performance Characteristics

Hydraulic Fluid: Viscosity 35 mm<sup>2</sup>/s (164 SSU), Specific Gravity 0.850

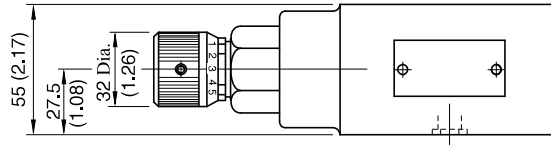
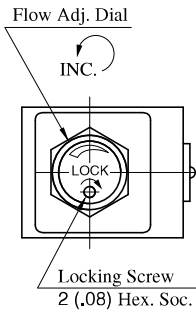
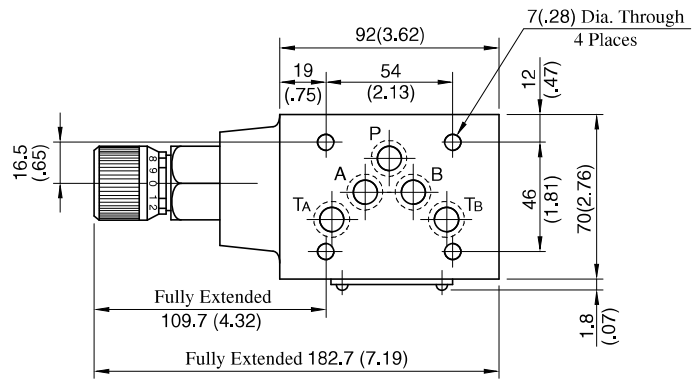


### Instructions

- 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.

MSCP-03-20

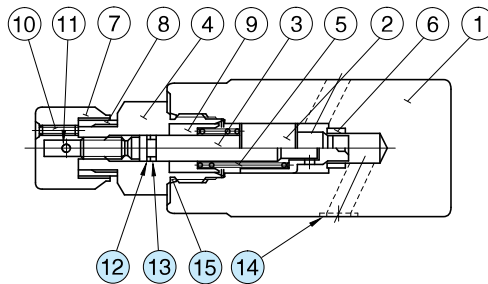
DIMENSIONS IN MILLIMETRES (INCHES)



Approx. Mass..... 3.0 kg (6.6 lbs.)

■ Spare Parts List

MSCP-03-20



● List of Seals

Item	Name of Parts	Part Numbers	Qty.	Remarks
12	Back Up Ring	900-VK411915-2	1	Included in Seal Kit Kit No.: KS-MSP-03-30
13	O-Ring	SO-NA-P7	1	
14	O-Ring	SO-NB-A014	5	
15	O-Ring	SO-NB-P24	1	

