

❖ 3/8 Reducing Modular Valves

❖ Ratings

Max. Operating Pressure kgf/cm ²	Max. Flow l/min
250	50 (Note)

Note: When setting secondary pressure to a value less than 15 kgf/cm² with the primary pressure of more than 70 kgf/cm² maximum pressure will be limited to 40 l/min.

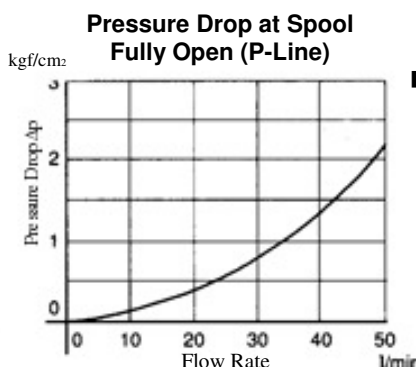
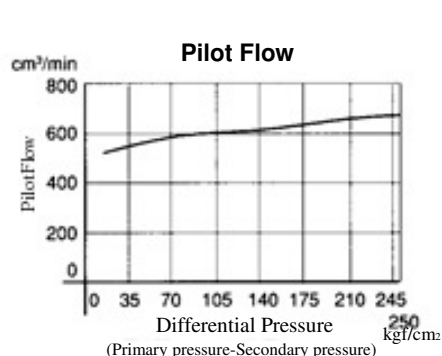
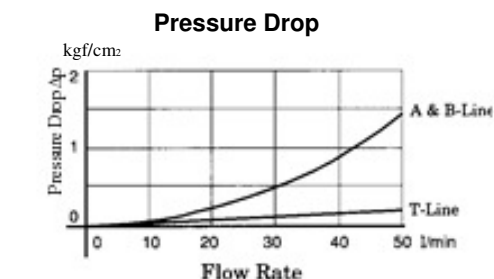


❖ Model Number Designation

F	MRP	-03	-B	-20
Special Seals	Series Number	Valve Size	Pres. Adj. Range kgf/cm ²	Design Number
F: Special Seals for Phosphate Ester Type Fluids (Omit if not required)	MRP: Reducing Modular Valves for P-Line MRA: Reducing Modular Valves for A-Line MRB: Reducing Modular Valves for B-Line	03	B: 10 - 70 H: 35-245	20

❖ Typical Performance Characteristics

Hydraulic Fluid: Viscosity 35cSt (160SSU), Specific Gravity 0.850



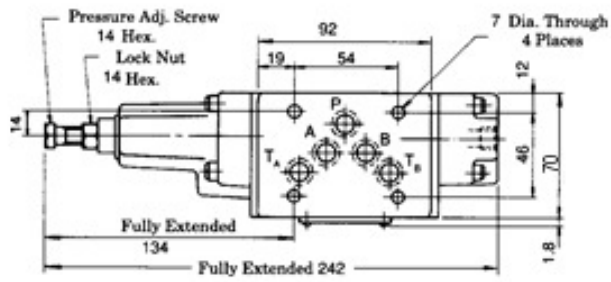
Model Numbers	Graphic Symbols	Detailed Graphic Symbols
MRP-03		
MRA-03		
MRB-03		

❖ Care in Application

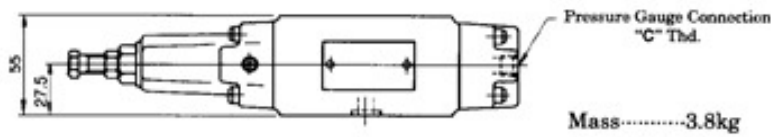
- **Min. adjustment pressure** varies with tank line back pressure. Add T-Line pressure drop stacked to tank line back pressure.
- To make pressure adjustment, loosen the lock nut and turn the pressure adjustment screw clockwise or anticlockwise. For an increase of pressure, turn the screw clockwise. Be sure to re-tighten the lock nut firmly after making adjustment to the pressure

MRP-03-※-20
MRB-03-※-20

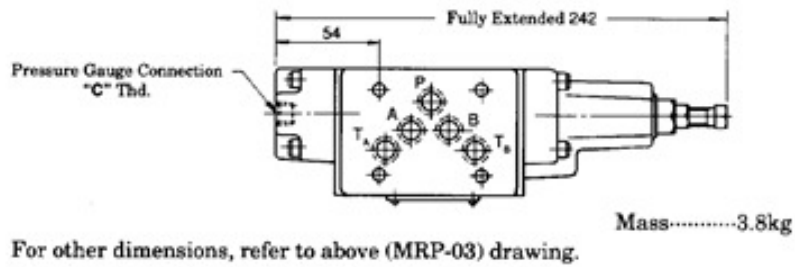
**DIMENSION IN
MILLIMETRES**



Model Numbers	Piping Size "C" Thd.
MR*-03-※-20	1/4 BSP.Tr



MRA-03-※-20



For other dimensions, refer to above (MRP-03) drawing.