

PRESSURE REDUCING VALVE MODULAR CONSTRUCTION

Modular Pressure Reducing Valve

Model: MRP **
 Pressure : 250 bar (Inlet)
 Flow : 35 lpm

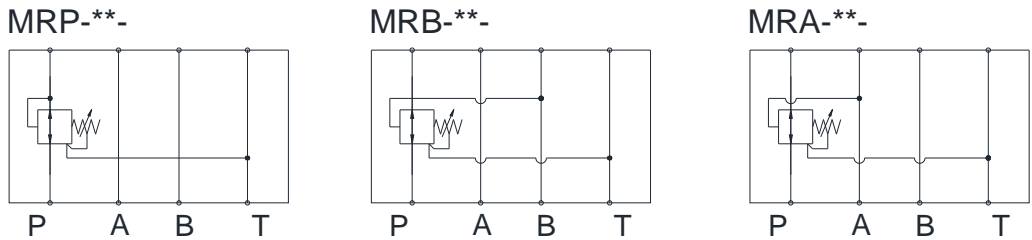


Description

The valve type ZDR is a direct operated pressure reducing valve in sandwich plate design with pressure limiting of the secondary circuit. It is use to reduce the system pressure. The Pressure reducing valve basically comprises housing , control spool, compression spring, adjustment type and an optional check valve. The modular valve makes the pressure in part of circuit lower than that of the main circuit. Even when pressure changes in the primary main circuit. The reduced secondary pressure is maintained at constant level.

Interface conforming to ISO 4401-AB-03-4-A

Functional Symbols



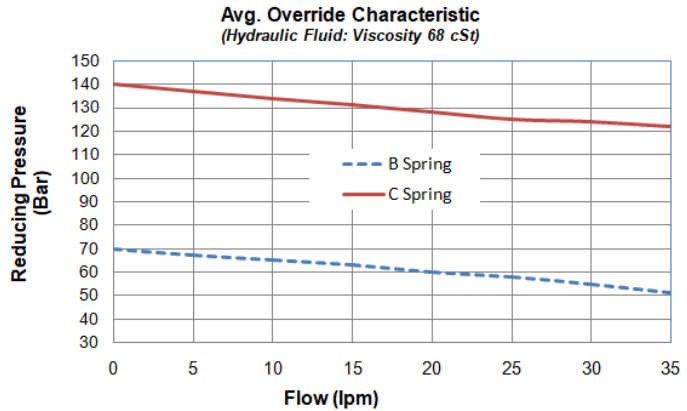
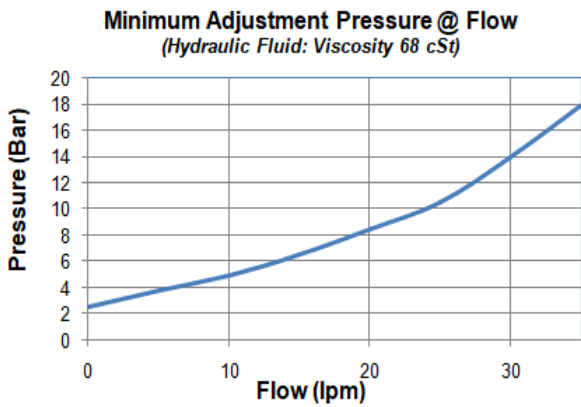
Technical data	
Construction	Direct Acting Spool type
Function	Reducing from P to A or B or P
Mounting Interface	ISO 4401-AB-03-\$-A
Working Pressure	250 bar (Inlet P Line) 210 bar (A & B line) 60 bar (T Line)
Rated flow	See Flow graphs
Check Spring	1 bar
Fluid Viscosity range	15 cSt to 400 cSt
Fluid temperature range	- 10 °C to +70 °C
Weight	~ 1.6 kg

THROTTLE CONTROL CUM CHECK VALVE MODULAR CONSTRUCTION

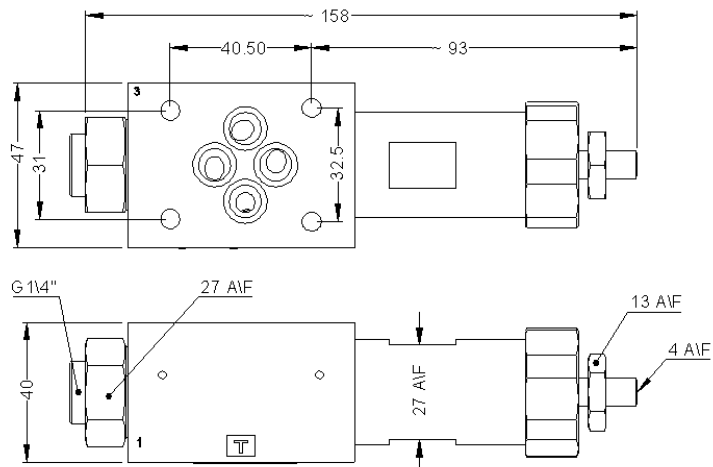
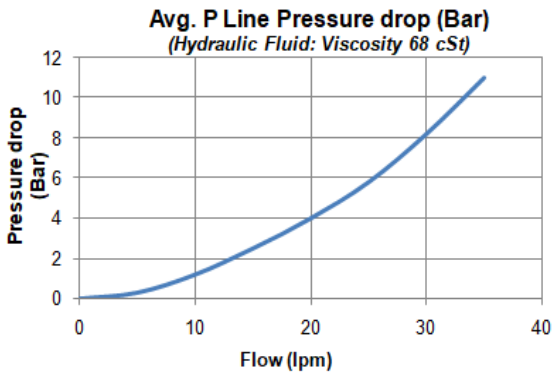
Model	Valve Size	Reducing Pressure rating *	Design Code
MRP	-1	B	-10
MRP : Modular Reducing Valve on P Lines	01: NG06 Size	A : 04 to 40 bar	10
MRB : Modular Reducing Valve on B Lines		B: 08 to 70 bar	
MRA : Modular Reducing Valve on A Lines		C: 35 to 140 bar	
		* Refer flow graph for minimum pressure setting	

Note: For custom application and performance requirement, please consult THM representative.

Typical Performance Characteristics (Hydraulic Fluid: Viscosity 35cSt)



Installation Dimensions (Dimensions are in mm)



Interface O-ring (Seal): Size : 9.25 x 1.8 csd