



3.23

Pressure sequence valve direct operated

Type ZDZ6DP-L1X

Size(NG)6
Up to 250bar
Up to 60L/min



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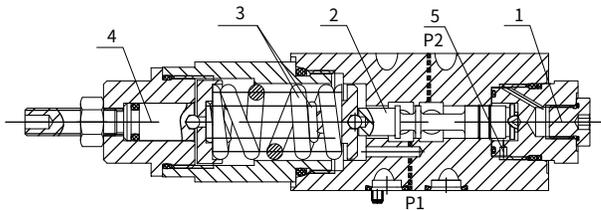
Features

- Sub-plate mounting
- Mounting face conforms to DIN24340 A and ISO4401
- Poit option pressure gauge

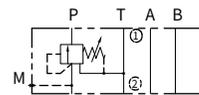
Function and configuration

ZDZ6D valve is direct-acting sequence valve related to the pressure of the secondary loop, with sequence pressure set through the pressure adjusting mechanism (4); 2 pressure adjusting springs (3) hold the control valve element (2) in initial position and the valve is closed. Pressure of oil port P1 acts on the valve element end face via control channel (5), get balanced each other with the spring force of the slide valve. If the pressure of oil port P1 is over the setting of the spring (3), valve element (2) moves in direction to the spring to open oil port P, so that oil flows from P1 to P2.

Pressure gauge interface (1), a pressure gauge can be installed to monitor the pressure of the sequence oil route.



symbol



① =valve side;

② =bottom plate side

Ordering code

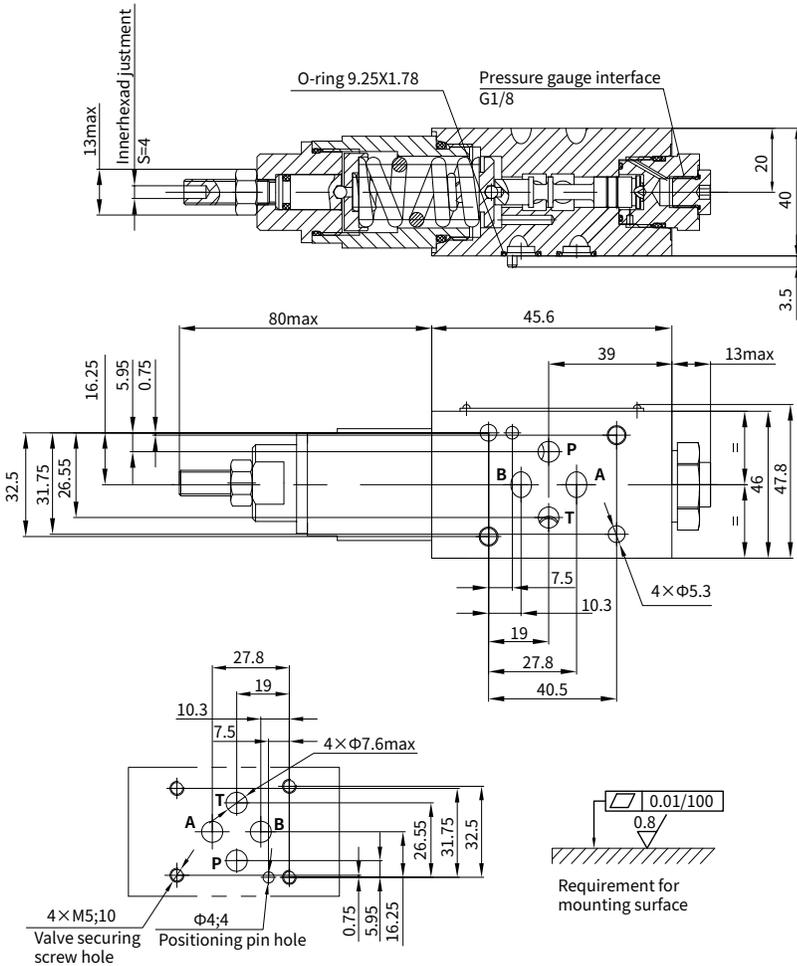
Z	DZ	6	D	P	2	L1X	/	25	B	*
Superposition structure =Z		Sequence valve =DZ		Diameter6 =6		Direct-acting type =D		Oil port P sequence =P		Screw adjustment =2
										Further details in clear text
										B= Pressure measurement port thread G1/8
										25= Pressure adjustment range 20~250bar
										L1X= Series L10 to L19 (L10 to L19: unchanged installation and connection dimensions)

Technical data

Fluid		Mineral oil suitable for NBR and FKM seal Phosphate ester for FKM seal
Fluid temperature range	°C	-30 to +80 (NBR seal) -20 to +80 (FKM seal)
Viscosity range	mm ² /s	10 to 800
Degree of contamination		Maximum permissible degree of fluid contamination: Class 9. NAS 1638 or 20/18/15, ISO4406
Max operation pressure (input)	bar	315
Highest order pressure setting	bar	250
Min. initial pressure	bar	20
Max flow	L/min	60
Weight	kg	About 1.3

Unit dimensions

(Dimensions in mm)



Valve securing screw

M5 as per GB/T70.1-10.9 grade, Socket head cap screw or LT30.02
 Double-end stud LT30.01 nut, Length determined with regard to height
 Tightening torque $M_A=8.9\text{Nm}$, Order must be placed separately

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