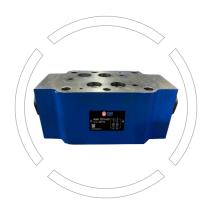


Z2S

Check valves Hydraulic pilot operated Sizes 6, 10, 16, 22



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THM HYDRAULICS



Introduction

- Z2S type modular pilot operated check valve is assembled by valve body, check valve insert file and control plunger.
- The valve can come true single direction flow for fluid. for reverse, it's closed of without leak.
- Control plunger can pull out check valve and converse flow.
- The valve usually be used to keep pressure for oil vat and other component.

Ordering code

	Z2S	
Modular pilot operated check valves	= Z2S	
Nominal Sizes		
Nominal size 6	= 6	
Nominal size 10 Nominal size 16	= 10 = 16	
Nominal size 22	= 10	
Symbols : choice base on symbol list		
Unlock pressure		
1.5 bar	= 1	
3 bar	= 2	
6 bar	= 3	
Series		
Fit for nominal size 10	= 20	
Fit for nominal size 16 and 22	= 30	
Fit for nominal size 6	= 40	
Seal Material		
NBR Seal	= No	code
FKM Seal	= V	
Explanation Special demand		

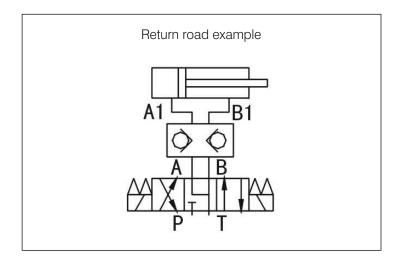


Technical data

Size	Max pressure	Unlock	Max flow	Si	Size		Weight
Size	(bar)	pressure (bar)	(I/min)	Term.	Viscose	Direction	(kg)
06		60			A→A1 or	0.8	
10	315	Choice from	120	00 + 00	2.9 500	B→B1	2
16	315 ordering details	200	-20~+80	2.8~500	Pilot operated B1→B or A1→A	7	
22						360	11.7

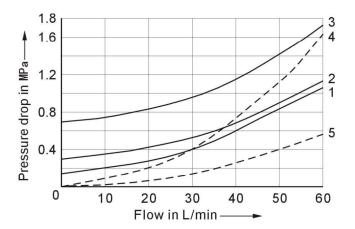
Symbol

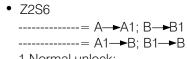
No code	А	В
P T B A	P T B A	P T B A P1 T1 B1 A1





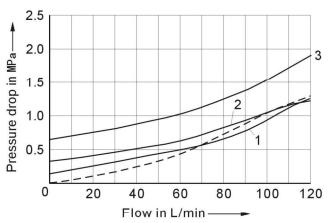
Characteristic curve





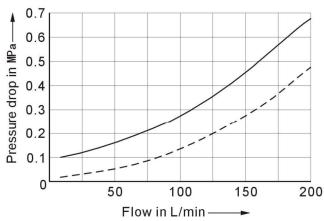
- 1.Normal unlock;
- 2. Check valve insert file;
- 3. Free flow (without check valve);
- 4. Flow via check valve insert file;
- 5.Free flow;

(Without check valve insert file. "a" type and "b" type.)

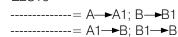


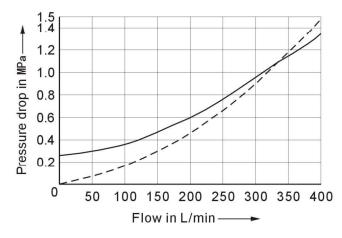


- 1. Unlock pressure 1=15bar
- 2. Unlock pressure 2= 3bar
- 3. Unlock pressure 3= 6bar

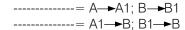


• Z2S16





Z2S22

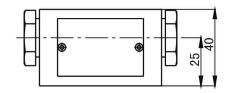


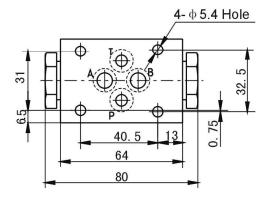


Installation Dimensions

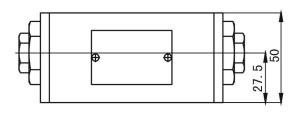
(Dimensions in mm)

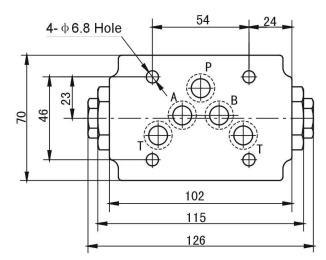
• Z2S6





• Z2S10





Z2S16

Seal component

Z2S6:

O Ring 4-8.8×1.9;

Z2S10:

O Ring 5-12×2;

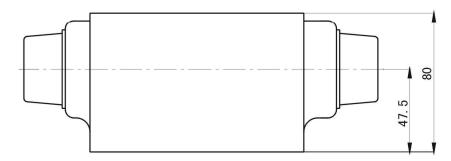
Z2S16:

Port X, Y, L,

O Ring 10×2 ;

Port P. A. B. T,

O Ring 22×2.5;



Valve fixed bolts

Z2S6:

4-M5, M_A=8.9N • M; Z2S10:

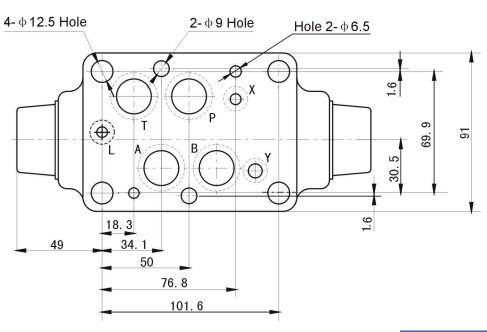
4-M6, M_A=15.5N • M; Z2S16:

4-M10, M_A=75N • M;

2-M6, M_A=15.5N • M;

Note:

Bolt NO.: GB/T70.1-2000, Performance grade: 12.9

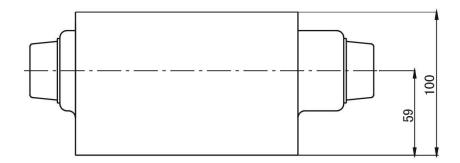


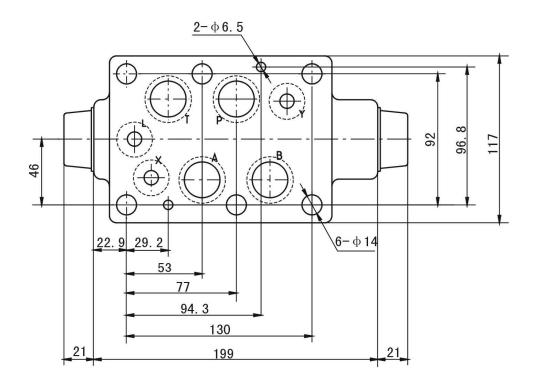


Installation Dimensions

(Dimensions in mm)

• Z2S22





component

22:

tX, Y, L, O Ring19 \times 3;

 $t P \cdot A \cdot B \cdot T$, O Ring 27imes3

Valve fixed bolts

6-M10, M_A=205N • M Note:

Bolt NO.: GB/T70.1-2000, Performance grade: 12.9

plate Installation dimensions

plate Installation dimensions Is fit SO 4401. Please see page 187 207.







The specified data is for product description purposes only and may not be deemed to be guaranteed unless expressly confirmed in the contract.



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