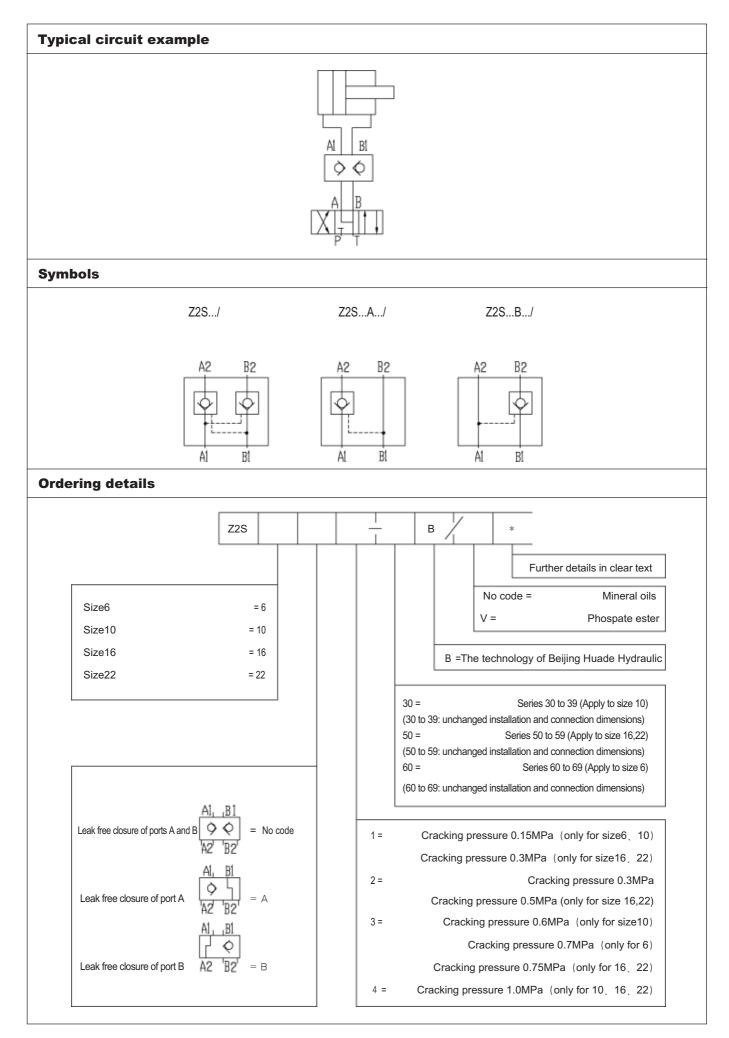
BEIJING HUADE	Pilot op	RE 21601/12.200		
HYDRAULIC INDUSTRIAL		te Type Z2S (New	/ Series)	
GROUP CO.,LTD.	Size ⁶ 、10 16、22	up to 31.5 MPa	up to 450L/min	
Features:				
- For use in vertical stacki	ng assemblies			
- For the leak free closure	•			
service ports			2 - A A A	
- Porting pattern to Din 24	340 form A, ISO 4	401	2	
and CETOP-RP 121H			010040874 035575	
			0 230	
			annie the	
Functional, section				
Hydraulic pilot operated cl	heck valves tvpe Z	2S are of		
sandwich plate design.				
I nev are used for the leak	(-free closiumo of on	o or two	(A) (A)	
They are used for the leak service ports.even for long		e or two	9 P	
service ports,even for long	g periods	o or two	(3) (1) / A1 / B1	
service ports,even for long Free flow occurs from A1	g periods to A2 or E			
service ports,even for long Free flow occurs from A1 the opposite direction is bl	g periods to A2 or E locked.			
service ports,even for long Free flow occurs from A1 the opposite direction is bl When fluid flows from A1	g periods to A2 or E locked. to A2, the			
service ports,even for long Free flow occurs from A1 the opposite direction is bl When fluid flows from A1 pressured and is pushed t	g periods to A2 or E locked. to A2, the to the righ			
service ports,even for long Free flow occurs from A1 the opposite direction is bl When fluid flows from A1 pressured and is pushed to opening the ball poppet va	g periods to A2 or E locked. to A2, the to the righ			
service ports,even for long Free flow occurs from A1 the opposite direction is bl When fluid flows from A1 pressured and is pushed t opening the ball poppet va the poppet(3).	g periods to A2 or E locked. to A2, the to the righ alve (2) w			
service ports,even for long Free flow occurs from A1 the opposite direction is bl When fluid flows from A1 pressured and is pushed t opening the ball poppet va the poppet(3). In order to ensure correct	g periods to A2 or E locked. to A2, the to the righ alve (2) w closing of			
service ports, even for long Free flow occurs from A1 the opposite direction is bl When fluid flows from A1 pressured and is pushed to opening the ball poppet van the poppet(3). In order to ensure correct service ports of the direction	g periods to A2 or E locked. to A2, the to the righ alve (2) w closing of onal valve			
service ports,even for long Free flow occurs from A1 the opposite direction is bl When fluid flows from A1 pressured and is pushed t opening the ball poppet va the poppet(3). In order to ensure correct	g periods to A2 or E locked. to A2, the to the righ alve (2) w closing of onal valve			
service ports, even for long Free flow occurs from A1 the opposite direction is bl When fluid flows from A1 pressured and is pushed to opening the ball poppet van the poppet(3). In order to ensure correct service ports of the direction	g periods to A2 or E locked. to A2, the to the righ alve (2) w closing of onal valve			T A A A A A A A A A A A A A A A A A A A
service ports,even for long Free flow occurs from A1 the opposite direction is bl When fluid flows from A1 pressured and is pushed to opening the ball poppet van the poppet(3). In order to ensure correct service ports of the direction	g periods to A2 or E locked. to A2, the to the righ alve (2) w closing of onal valve			
service ports,even for long Free flow occurs from A1 the opposite direction is bl When fluid flows from A1 pressured and is pushed to opening the ball poppet van the poppet(3). In order to ensure correct service ports of the direction	g periods to A2 or E locked. to A2, the to the righ alve (2) w closing of onal valve			
service ports,even for long Free flow occurs from A1 the opposite direction is bl When fluid flows from A1 pressured and is pushed to opening the ball poppet van the poppet(3). In order to ensure correct service ports of the direction	g periods to A2 or E locked. to A2, the to the righ alve (2) w closing of onal valve			3
service ports, even for long Free flow occurs from A1 the opposite direction is bl When fluid flows from A1 pressured and is pushed to opening the ball poppet van the poppet(3). In order to ensure correct service ports of the direction	g periods to A2 or E locked. to A2, the to the righ alve (2) w closing of onal valve			3
service ports,even for long Free flow occurs from A1 the opposite direction is bl When fluid flows from A1 pressured and is pushed to opening the ball poppet van the poppet(3). In order to ensure correct service ports of the direction	g periods to A2 or E locked. to A2, the to the righ alve (2) w closing of onal valve			
service ports, even for long Free flow occurs from A1 the opposite direction is bl When fluid flows from A1 pressured and is pushed t opening the ball poppet va the poppet(3). In order to ensure correct service ports of the directi cted to tank in the neutral	g periods to A2 or E locked. to A2, the to the righ alve (2) w closing of onal valve		Type Z2S6	
service ports, even for long Free flow occurs from A1 the opposite direction is bl When fluid flows from A1 pressured and is pushed to opening the ball poppet van the poppet(3). In order to ensure correct service ports of the direction cted to tank in the neutral	g periods to A2 or E locked. to A2, the to the righ alve (2) w closing of onal valve		Type Z2S6	
 service ports, even for long Free flow occurs from A1 the opposite direction is blown fluid flows from A1 the pressured and is pushed to opening the ball poppet van the poppet(3). In order to ensure correct service ports of the direction cted to tank in the neutral service for the direction of the dir	g periods to A2 or E locked. to A2, the to the righ alve (2) w closing of onal valve		Type Z2S6	
 service ports, even for long Free flow occurs from A1 the opposite direction is blown fluid flows from A1 pressured and is pushed to opening the ball poppet vantue poppet(3). In order to ensure correct service ports of the direction of the direction	g periods to A2 or E locked. to A2, the to the righ alve (2) w closing of onal valve		Type Z2S6	
 service ports, even for long Free flow occurs from A1 the opposite direction is blown fluid flows from A1 pressured and is pushed to opening the ball poppet vantue poppet(3). In order to ensure correct service ports of the direction of the direction	g periods to A2 or E locked. to A2, the to the righ alve (2) w closing of onal valve		Type Z2S6	
 service ports, even for long Free flow occurs from A1 the opposite direction is bite When fluid flows from A1 pressured and is pushed to opening the ball poppet vantue poppet(3). In order to ensure correct service ports of the direction of t	g periods to A2 or E locked. to A2, the to the righ alve (2) w closing of onal valve		Type Z2S6	
 service ports, even for long Free flow occurs from A1 the opposite direction is blown fluid flows from A1 pressured and is pushed to opening the ball poppet vantue poppet(3). In order to ensure correct service ports of the direction of the direction	g periods to A2 or E locked. to A2, the to the righ alve (2) w closing of onal valve		Type Z2S6	
 service ports, even for long Free flow occurs from A1 the opposite direction is bite When fluid flows from A1 pressured and is pushed to opening the ball poppet vantue the poppet(3). In order to ensure correct service ports of the direction of the direction of the direction of the direction of the to tank in the neutral service ports of the direction of the	g periods to A2 or E locked. to A2, the to the righ alve (2) w closing of onal valve		A2 B2 Type Z2S6	



Technical data

		1	1	1	1
Size		6	10	16	22
Max. flow L/min	(L/min)	to 60	to 120	to 300	to 450
Max. operating pressure	(MPa)	31.5			
Cracking pressure	(MPa)	see curve			
Directions		see symbols			
Area ratio		A1/A2=1:3	A1/A2=1:11.45	A1/A2=1:11.8	A1/A2=1:13.6
Alea Tallo			A3/A2=1:2.86	A3/A2=1:2.8	A3/A2=1:2.8
Pressure fluid		Mineral oils(fo	r NBR seal) or p	hospate ester(fo	or FPM seal)
Pressure fluid temperature range	(°C)	-30 to +80			
Viscosity range	(mm² /s)	2.8 to 500			
Weight	(kg)	approx. 0.8	approx. 3	approx. 6.5	approx. 12

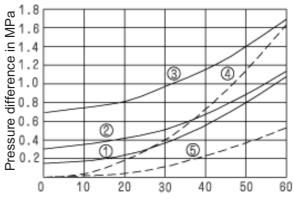
Characteristic curves (measured at $v = 41 \text{ mm}^2/\text{s}$ and $t = 50 \degree\text{C}$)

Type Z2S6

 $= A1 \rightarrow A2; B1 \rightarrow B2$

 $----= = A2 \rightarrow A1; B2 \rightarrow B1$

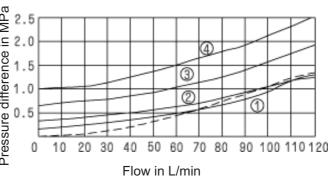
- 1 Cracking pressure 1=0.15MPa
- 2 $\$ Cracking pressure 2=0.3MPa
- 3、Cracking pressure 3=0.7MPa
- 4 Through check valve cartridge
- 5. Flow freely(Without check valve cartridge type"A" and type"B")

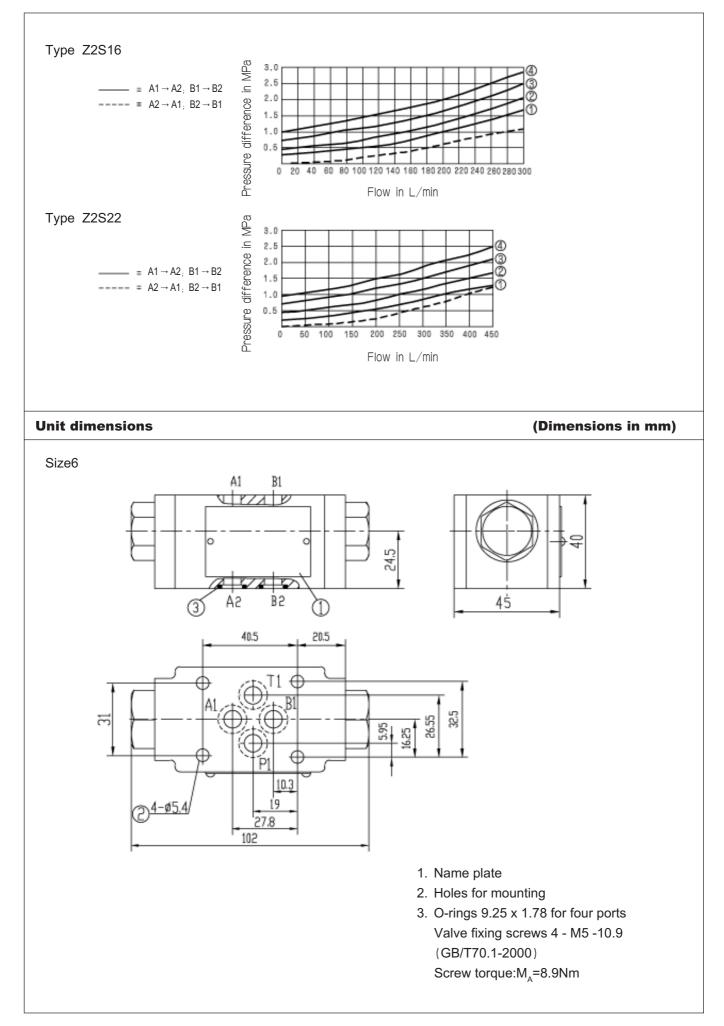




Type Z2S10

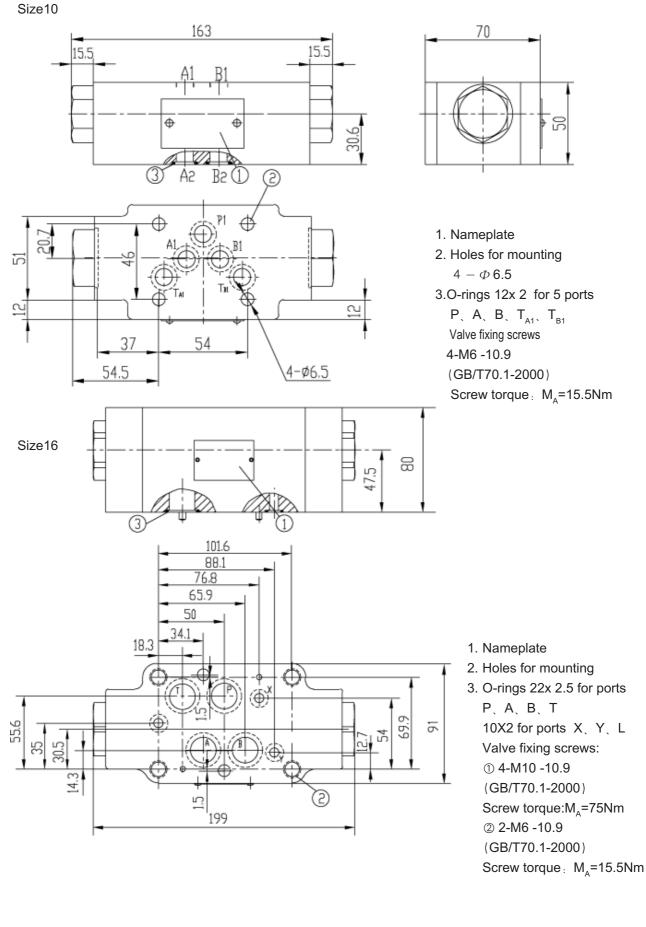
$= = A1 \rightarrow A2; B1 \rightarrow B2$ $= A2 \rightarrow A1; B2 \rightarrow B1$	2.5
 Cracking pressure 1 =0.15MPa Cracking pressure 2 =0.3MPa Cracking pressure 3 =0.6MPa Cracking pressure 4 =1.0MPa 	Bressure difference



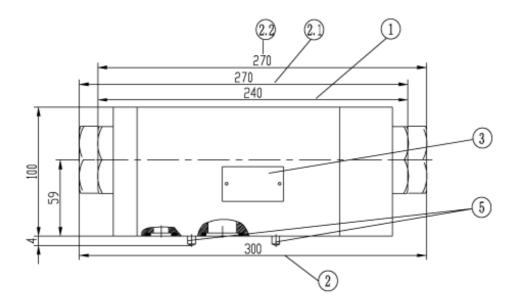


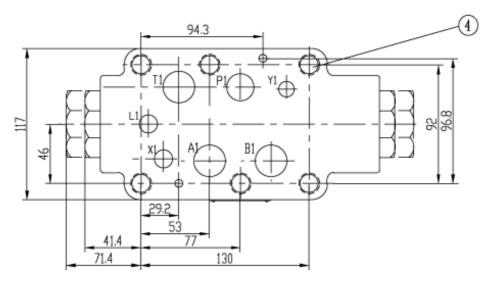
Unit dimensions

(Dimensions in mm)



Size22





- 1 Cracking pressure 0.3MPa or 0.5MPa, Leak free closure of ports A and B
- 2 Cracking pressure 0.75MPa or 1.0MPa, Leak free closure of ports A and B
- 2.1 Cracking pressure 0.75MPa or 1.0MPa, Leak free closure of port A
- 2.2 Cracking pressure 0.75MPa or 1.0MPa, Leak free closure of port B
- 3 Label plate
- 4 Valve fixing screws:
 - 6- M14-10.9 (GB/T70.1-2000), Screw torque:M_A=205Nm
- 5 Fixing pin

Required surface finish of mating piece

