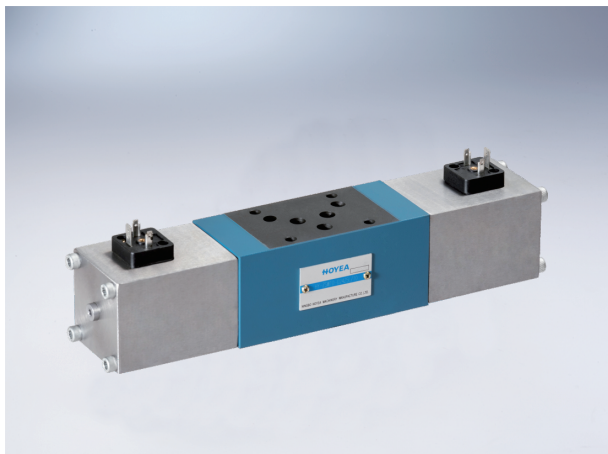


2-position 2-way Subplate/modular Leak-free Direct-operated Solenoid Valve

Technical parameter



Solenoid controls the spool open/closed, the fluid can bi-directionally flows or cut-off. Normally closed.

Technical parameter (Please consult factory if your application is out of below range)

Model		HY-AS6, HY-ZS6, 10
Mounting		Free, recommended for horizontal installing
Storage temperature	(°C)	-20 ~ +60
Working temperature	(°C)	-20 ~ +50
Weight	(kg)	1.8(ASP6、AS6) 2.8(ZSW6) 7(ZSW10)

Hydraulic parameter

Max working pressure	(MPa)	35	
Specifications		NG6	NG10
Max flow rate	(L/min)		
Working fluid		Mineral hydraulic oil, phosphate	
Fluid temp range	(°C)	-20~+70	
Viscosity range	(mm ² /s)	12~320	
Minimum fluid cleanliness		Maximum permissible degree of pressure fluid contamination to NAS 1638 to class 9 recommended filter $\beta_{10} \geq 75$.	

Hydraulic symbol

Voltage type		Direct current
Adaptable voltage	(V)	24
Allowed residue	(%)	< 5
Float Voltage step-down	(%)	± 10
IP class		IP65

2-position 2-way Subplate/modular Leak-free Direct-operated Solenoid Valve

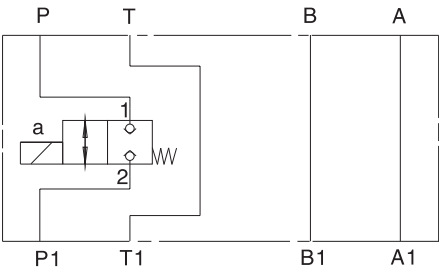
Ordering code

HY-*S *		* - *	*	/	*	1X	*	
HY-AS subplate seat valve								Remark
HY-ZS modular seat valve								Serial number
Spool type								Seal material
Please refer to symbol list below								Omit NBR
								V FPM
Size								Z5L Square lamp plug
6 NG6								Working voltage
10 NG10								D24 DC24V

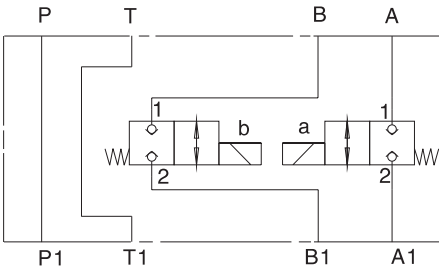
Hydraulic symbol

Modular type

HY-ZSP6-D24Z5L/10

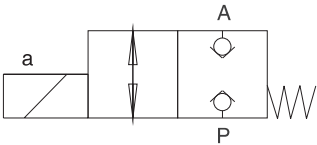


HY-ZSW6(10)-D24Z5L/10



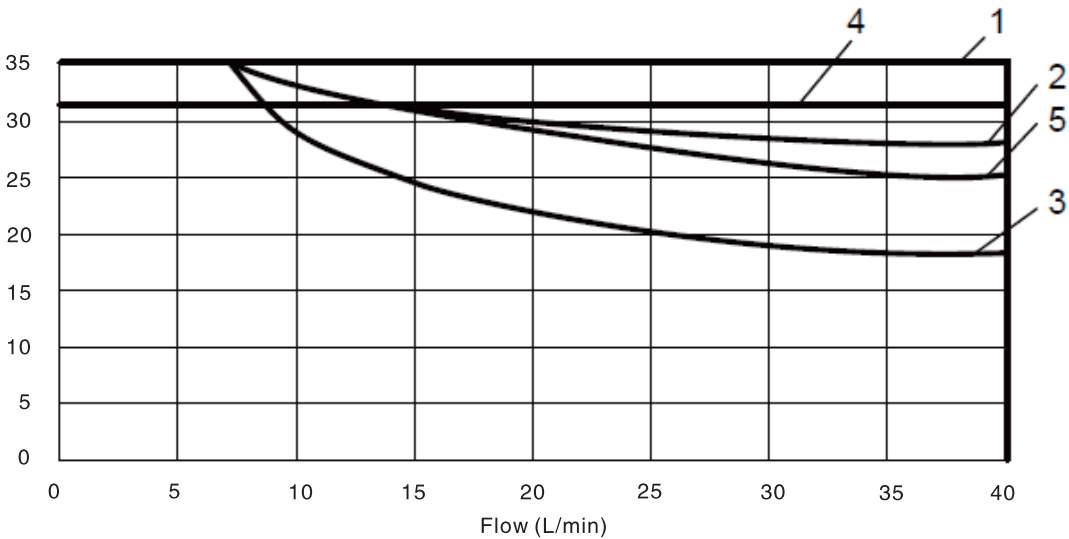
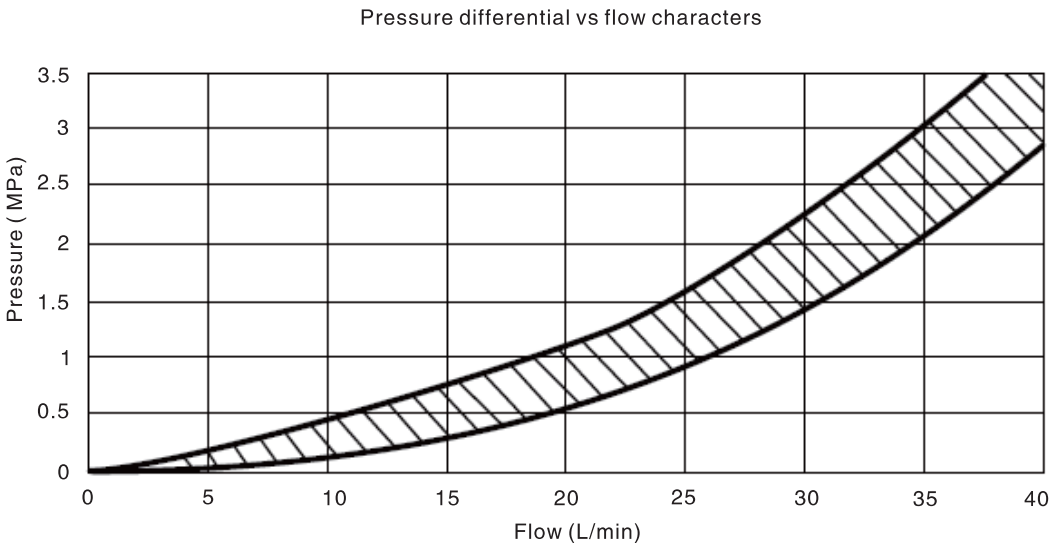
Subplate

HY-AS6-D24Z5L/10



2-position 2-way Subplate/modular Leak-free Direct-operated Solenoid Valve

NG6 modular type performance curve (Oil HLP46 tested at40℃ ± 5℃)

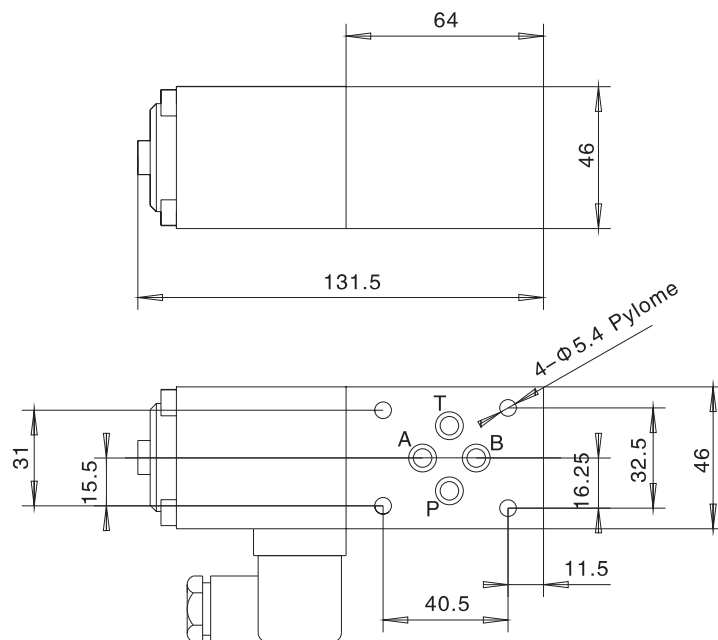


Flow direction	1 → 2	2 → 1
HY-ZSP6-D24Z5L/10	1	2
HY-ZSW6-D24Z5L/10	4	5

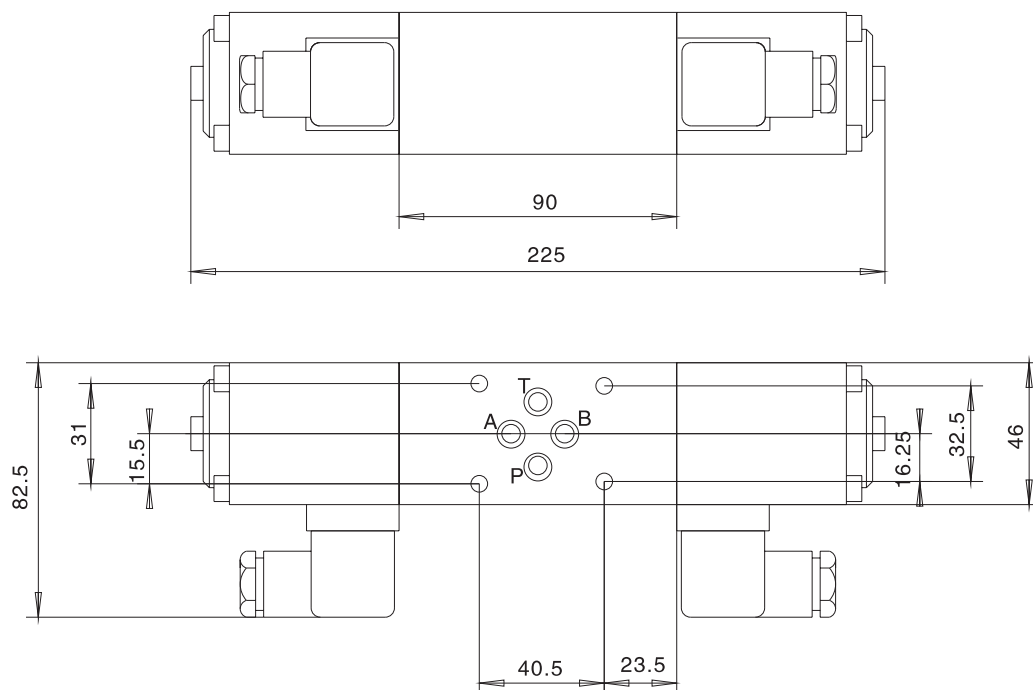
2-position 2-way Subplate/modular Leak-free Direct-operated Solenoid Valve

External dimension

HY-ZSP6-D24Z5L/10

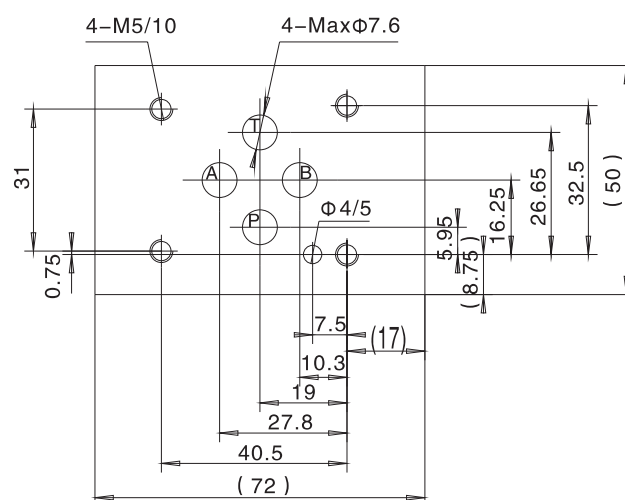


HY-ZSW6(10)-D24Z5L/10



2-position 2-way Subplate/modular Leak-free Direct-operated Solenoid Valve

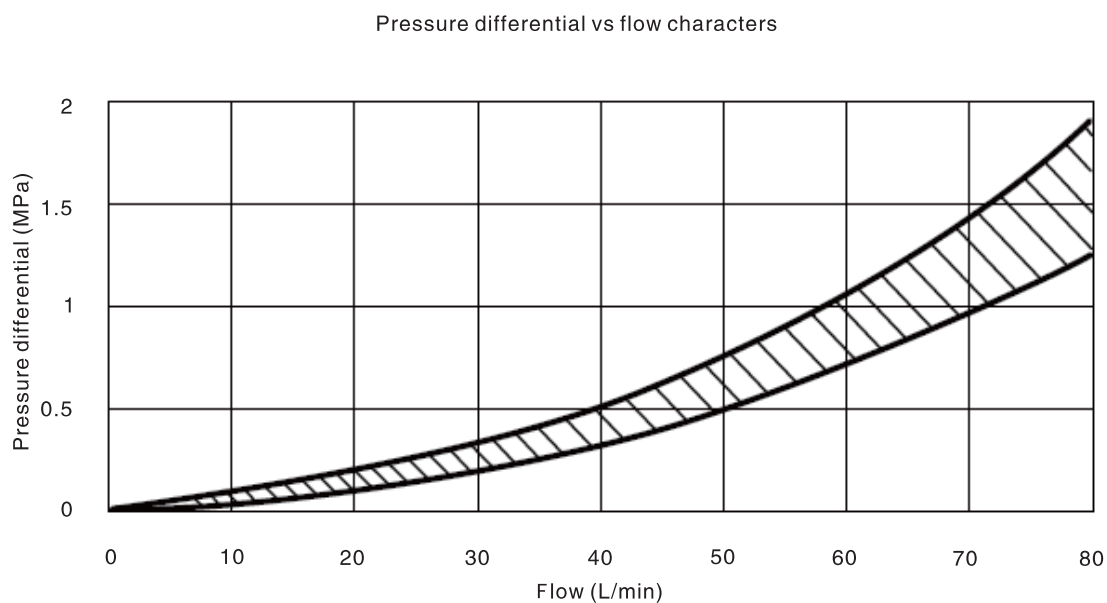
Sub-plate mounting



Note:

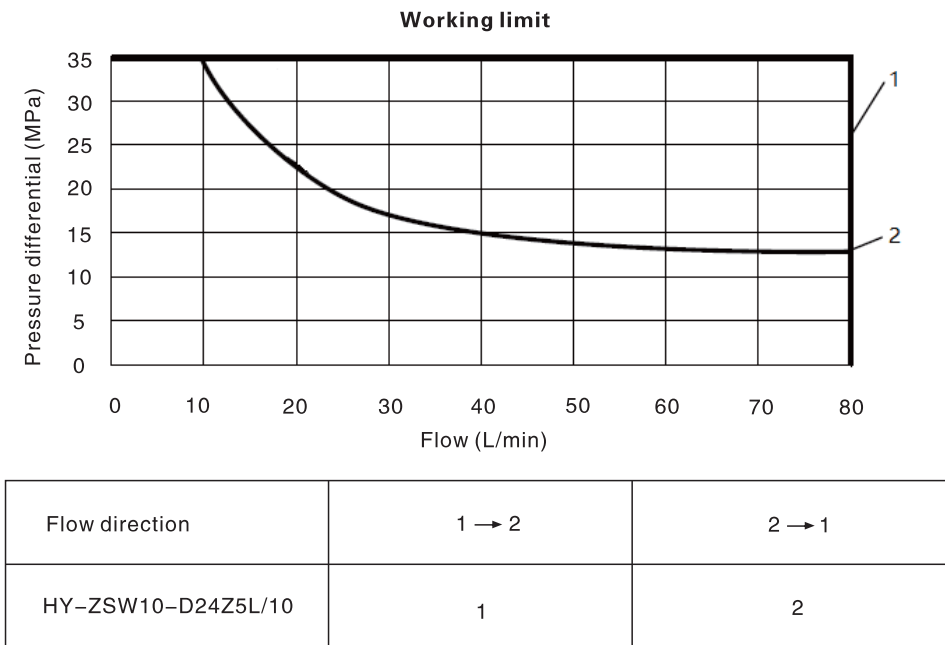
1. It can be mounted in any direction, but horizontal installation is recommended.
2. The mounting surface must be flat within 0.01/100mm and roughness Ra 0.8

NG10 modular type performance curve (Oil HLP46 tested at $40 \pm 5^\circ\text{C}$)



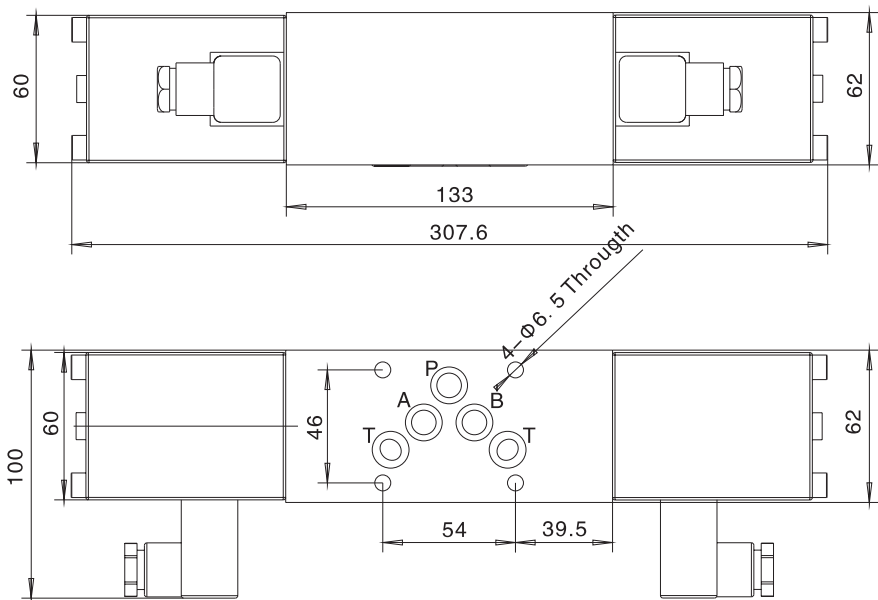
2-position 2-way Subplate/modular Leak-free Direct-operated Solenoid Valve

F.7.6



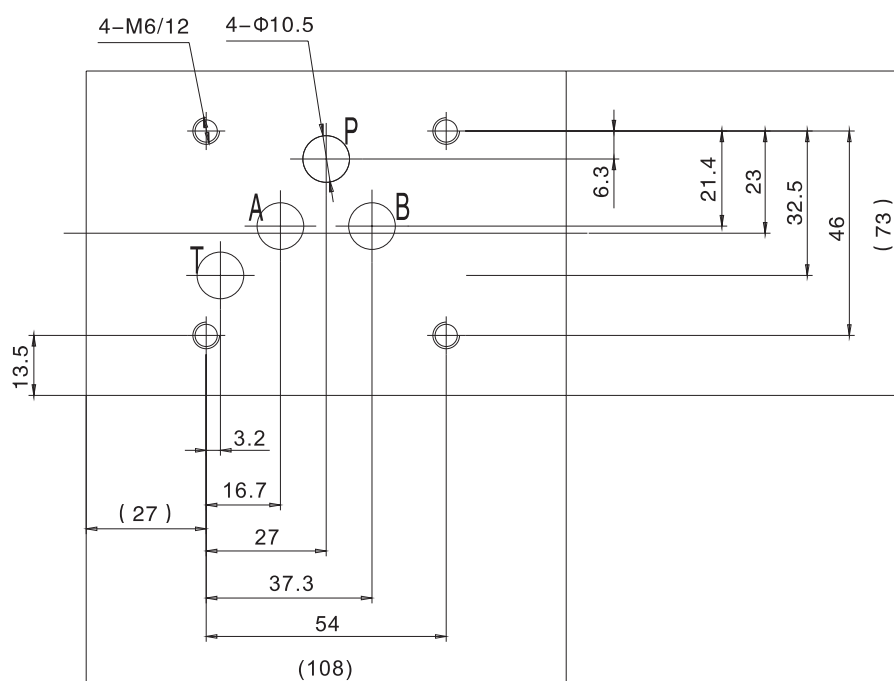
External dimension

HY-ZSW10-D24Z5L/10



2-position 2-way Subplate/modular Leak-free Direct-operated Solenoid Valve

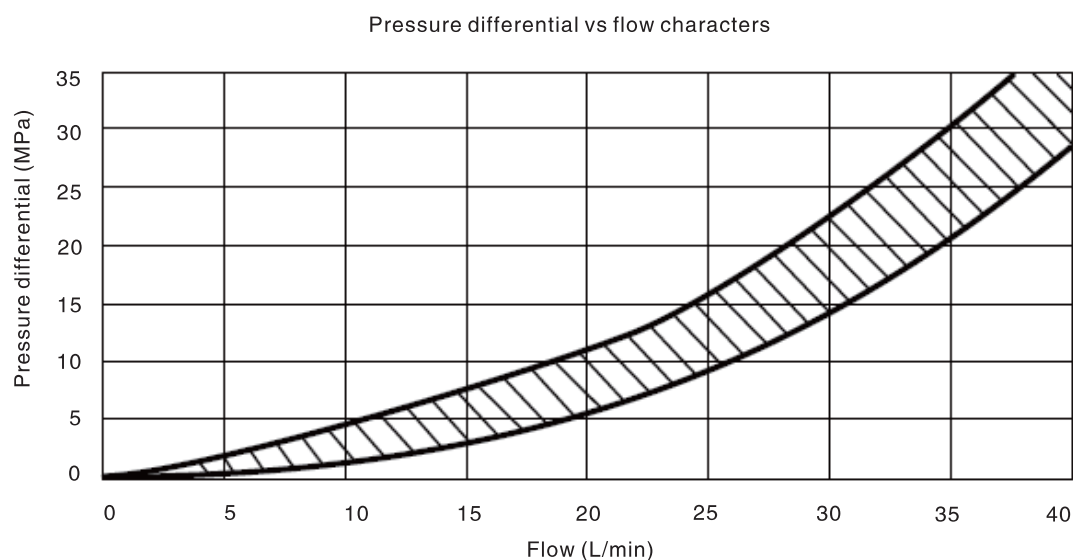
Sub-plate mounting



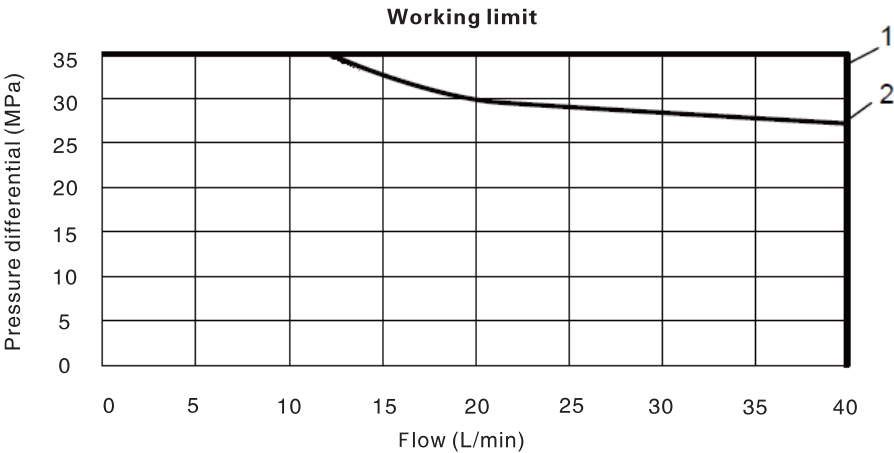
Note:

1. It can be mounted in any direction, but horizontal installation is recommended.
2. The mounting surface must be flat within 0.01/100mm and roughness Ra 0.8

NG6 modular type performance curve (Oil HLP46 tested at $40 \pm 5^\circ\text{C}$)



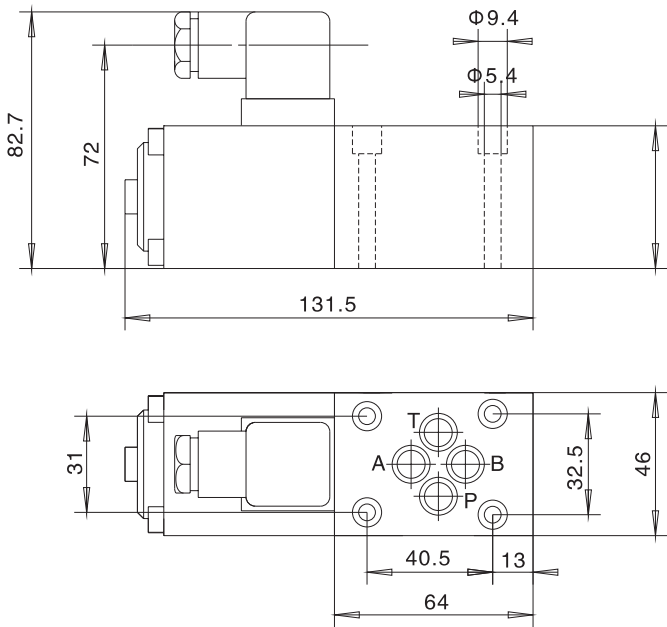
2-position 2-way Subplate/modular Leak-free Direct-operated Solenoid Valve



Flow direction	P → A	A → P
HY-AS6-D24Z5L/10	1	2

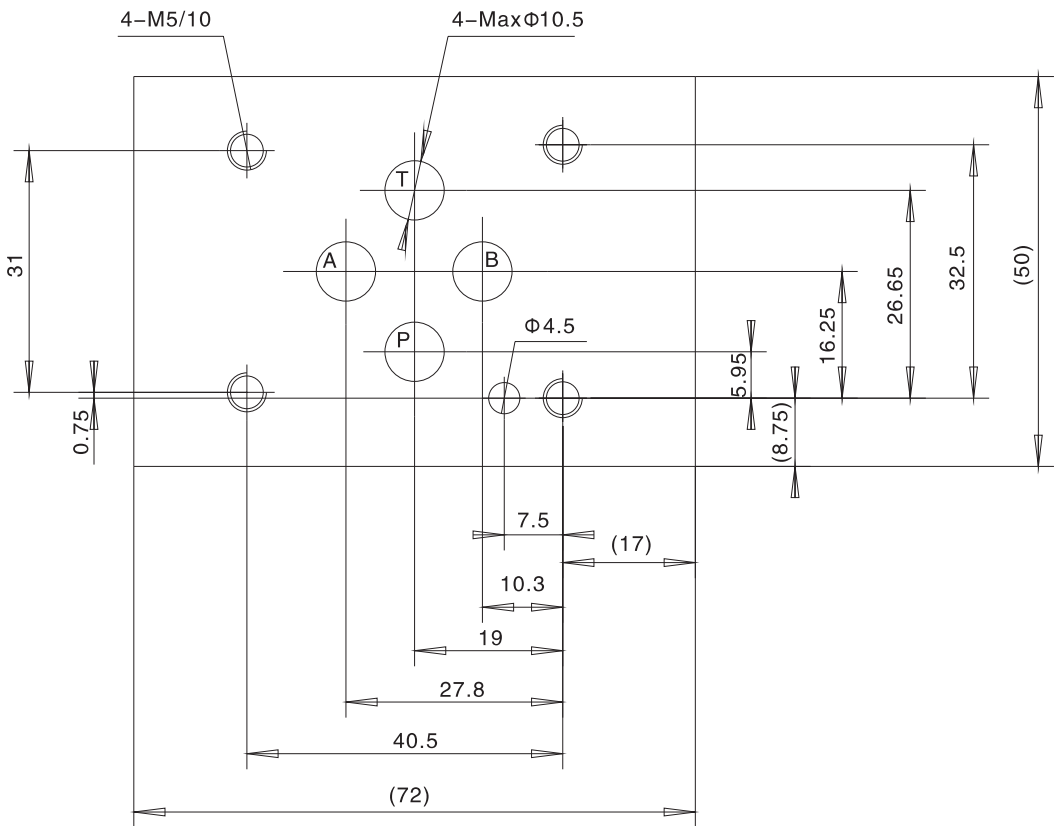
External dimension

HY-AS6-D24Z5L/10



2-position 2-way Subplate/modular Leak-free Direct-operated Solenoid Valve

Sub-plate mounting



Mounting screw	Qty	Tighten torque
M5 × 45-10.9	4	9Nm

- Note:
1. It can be mounted in any direction, but horizontal installation is recommended.
 2. The mounting surface must be flat within 0.01/100mm and roughness Ra 0.8