

Pascal pump, non-leak valve, digital pressure gauge and relief valve are compactly integrated into this unit. Suitable for a middle or large molding machine. Types of stand other than shown below are available on request.

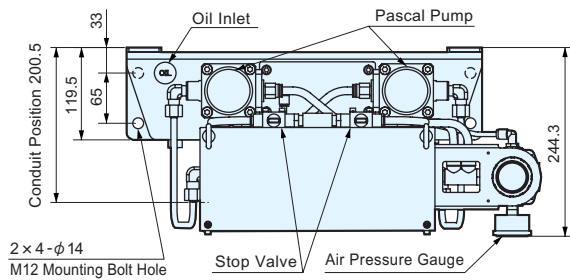


### SPECIFICATIONS (HCM-D - Pump - Circuit symbol - Option symbol)

MODEL	HCMD-2 SSS	HCMD-22 SSSS	HCMD-3 CSS	HCMD-33 CSS
Pascal Pump model	HPH6308(Single)	HPH6308(Twin)	HPH6310(Single)	HPH6310(Twin)
Discharge pressure	24.5 MPa		15.7 MPa	
Driving air pressure	0.47 MPa		0.47 MPa	
Discharge volume at no load	1.4 L / min.	2.8 L / min.	2.1 L / min.	4.2 L / min.
Tank capacity	HI-LEVEL 5.7 L / LOW-LEVEL 1.6 L			
Clamp applications (example)	TYA16 × 8 units TYC16 × 8 units	TYA25 × 8 units TYC25 × 8 units	TME4 × 8 units	TME 6 × 8 units TME10 × 8 units

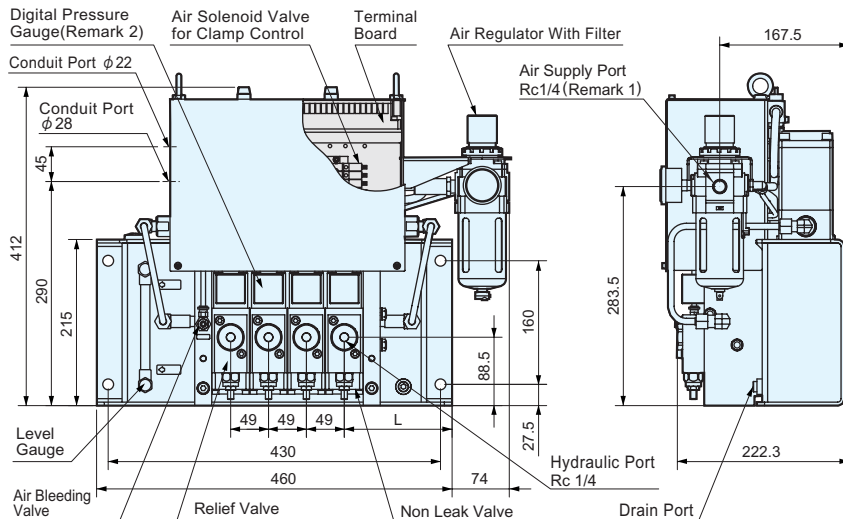
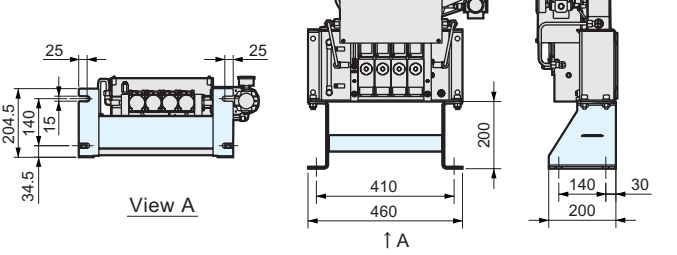
- Fluid used : ISO-VG32 equivalent mineral oil    ■ Working temperature range : 5~50°C
- Air consumption rate : Max. 0.4 Nm<sup>3</sup>/min.(Single pump) MAX.0.8Nm<sup>3</sup>/min.(Twin pump)
- Electric power voltage : DC 24 V

### DIMENSIONS



### STAND (OPTION)

Model : ZPS-S4



Number of hydraulic circuit	L (mm)	Weight (kg)※
1	213	28
2	188.5	32
3	164	35
4	139.5	39

※ : For the case of single pump.  
3kg to be added in case of twin pump.

Remark 1 : Piping diameter for single pump (Rc3/8 for twin pump)

Remark 2 : Digital pressure gauge outputs 2 kinds of signals such as pressure increase and abnormal high pressure detection.

Drawing shown here is for 1 to 4 hydraulic circuits. For 5 or more circuits application, ask us for details.

Hydraulic circuit specifications		Symbol
C port with inline filter		C
C port with pressure gauge for incoming pressure		Q
Pressure gauge for incoming pressure		E
C port with pressure switch for incoming pressure		H
Clamp	Single solenoid	D
	Double solenoid	L
	D circuit with relief valve for excessive high pressure	X
	L circuit with relief valve for excessive high pressure	S

Option	Symbol
Low oil level detection switch	L
Air solenoid valve (2 sets) for slider and mold positioning pin at platen	T

For the detail of hydraulic circuit and options, ask us separately.