PASCAL® CONTROL UNIT

MODEL **HCF**

Pascal pump and non leak valve are combined into an unit for the molding machine with no hydraulic power supply. Power source is the factory air.

SPECIFICATIONS (HCF ☒ - Pump Circuit symbol - Option symbol)

MODEL		HCF ☒-2SSS	HCF ☒-3CSS
Pascal Pump model		HPH6308	HPH6310
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.	2.1 L/min.
Pressure switch set pressure (increase)		14.7 MPa	8.8 MPa
Orifice area	P→A	12.6 mm²	
	A→R	29.4 mm²	
Tank volume		HIGH-LEVEL 1.5 L ／ LOW-LEVEL 0.4 L	
Clamp application(example)		TYA 10×8 units	TME 2.5×8 units

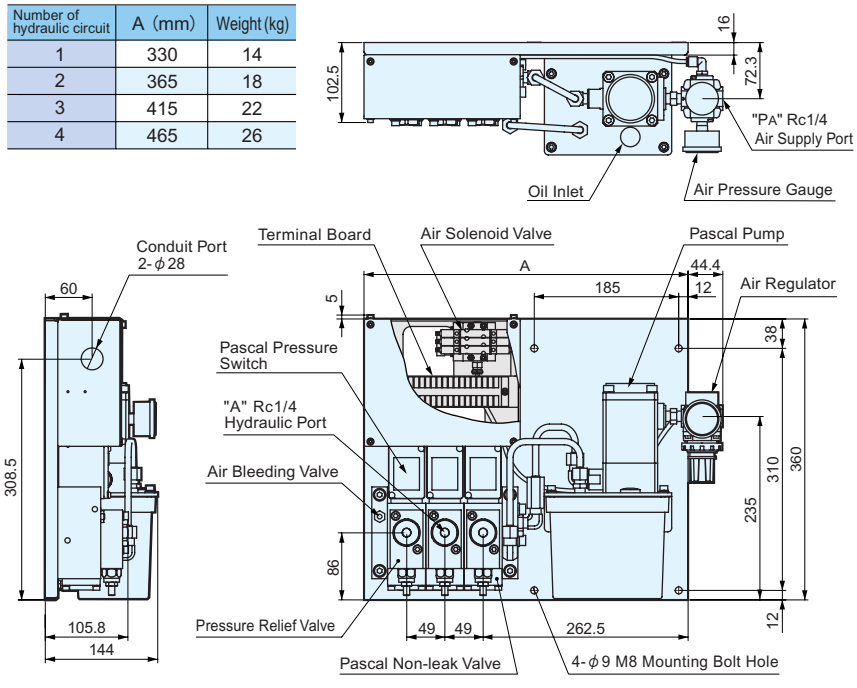
- Fluid used : ISO-VG32 equivalent mineral oil
- Working temperature range : 5～50℃
- Air consumption rate : Max. 0.4 Nm³/min

☒ Electrical power voltage shall be specified as per the following classifications.

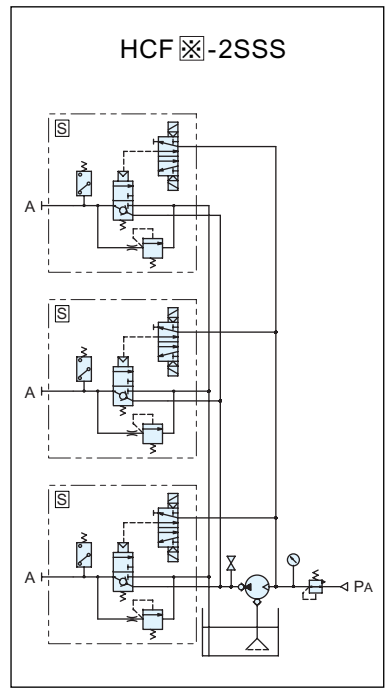
A	AC100V
B	AC200V
C	AC110V
D	DC 24V
E	AC220V

DIMENSIONS

Number of hydraulic circuit	A (mm)	Weight (kg)
1	330	14
2	365	18
3	415	22
4	465	26



CIRCUIT DIAGRAM



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
With filter regulator	F

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