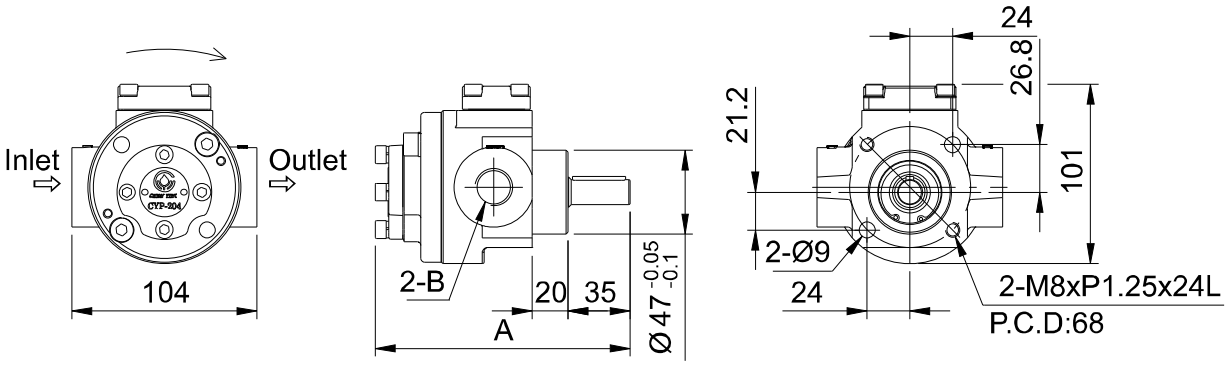
Heavy Oil Pump



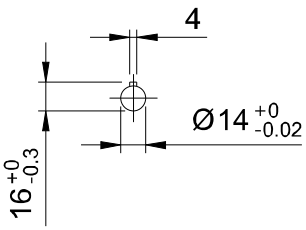
CYP-204 Heavy Oil Pump



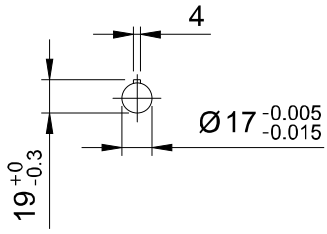
CYP-204-HA Heavy Oil Pump
with Adjustable Pressure Valve



Dimensional Drawing of Heavy Oil Pump



Shaft Size of CYP-204, 206, 208, 210, 212



Shaft Size of CYP-216, 220

◆Features

1. The discharge volume and the maximum pressure are much higher than the rotary oil pump.
2. Recommend adding a CYP-HA adjustable pressure valve to a heavy oil pump. The suitable range of pressure adjustment is 0 to 10kgf/cm². The proper operating pressure of the heavy oil pump should be under 10kgf/cm² to prevent damage due to high pressure.
3. Recommend working with a 1/2HP and above motor for lubricating and cooling purposes. It can be applied widely to various industrial machines, such as machine tools, screw machines, special-purpose machines, gearboxes, and medium to large machines.
4. If you need the heavy oil pump to be assembled with a PMO-0 motor, please refer to P.104 and provide us with the order code.

◆Dimensional Data & Technical Data

Model	Discharge Volume (L/min)		A (mm)	B Bore	Applicable Rotational Speed (min⁻¹)	Max. Pressure (kgf/cm²)	Suitable Viscosity	N.W. (kg)	Suitable PMO-0 Motors (Minimun Horsepower)	
	1420min⁻¹	1720min⁻¹							W/CYP-HA	W/O CYP-HA
CYP-204	7.5	9.0	143	PT1/2	450 – 2000	20	32-220 cSt@40°C	3.2	1/2 HP	1 HP
CYP-206	11.3	13.5	148	PT3/4				3.3	1/2 HP	1 HP
CYP-208	15.3	18.5	153	PT3/4				3.5	1/2 HP	1 HP
CYP-210	19.0	23.0	158	PT3/4				3.7	1/2 HP	2 HP
CYP-212-1	21.9	26.5	163	PT3/4				3.9	1 HP	2 HP
CYP-212-2	21.9	26.5	163	PT1				3.9	1 HP	2 HP
CYP-216	29.3	35.5	173	PT1				4.3	1 HP	2 HP
CYP-220	34.3	41.5	183	PT1				4.6	2 HP	- -

※ If you need to add an adjustable pressure valve to a heavy oil pump, please add HA after the model number when you place an order. For example, CYP-216-HA stands for one set of CYP-216 assembled with CYP-HA.

※ After adding the adjustable pressure valve, the net weight increases by 322g.

※ Heavy oil pump can add a holder on request. The fixed hole distance is 84x38mm, and the height is 134mm.

1/4HP Motor with Rotary Oil Pump



CYP-11A-2-0-1-D



CYP-11A-2-0-2-D

◆Order Code

CYP-11A-2 — 0 — 1 — D

Rotary Oil Pump Model No.
CYP-10A
CYP-11A-1
CYP-11A-2
CYP-12A
CYP-12L
CYP-13A

Adjustable Pressure Valve CYP-AV	
0	W/O CYP-AV
1	W/CYP-AV

1/4HP Motor Type	
1	Steel Plate Frame Horizontal Motor
2	Cast Iron Frame Horizontal Motor
3	Cast Iron Frame Vertical Motor

Voltage			
A	1Ø110V	F	3Ø208/415V
C	1Ø220V	G	3Ø230/460V
D	3Ø220/380V	H	3Ø240/480V
E	3Ø220/440V	X	Special Voltage

1/2HP and above Cast Iron Frame Horizontal Motor with Heavy Oil Pump



CYP-204-1-04-D



CYP-208-1-08-D-Y

◆Order Code

CYP-204 — 1 — 04 — D — ※

Rotary Oil Pump Model No.
CYP-204
CYP-206
CYP-208
CYP-210
CYP-212-1
CYP-212-2
CYP-216
CYP-220

Adjustable Pressure Valve CYP-HA	
0	W/O CYP-HA
1	W/CYP-HA

Cast Iron Frame Horizontal Motor	
04	1/2 HP
08	1 HP
16	2 HP

Voltage	
A	1Ø110V
C	1Ø220V
D	3Ø220/380V
E	3Ø220/440V
F	3Ø208/415V
G	3Ø230/460V
H	3Ø240/480V
X	Special Voltage

Special Request	
M	Change to TECO Motor, add a Coupling, Mounting Base, and Cover (For 1HP Only)
Y	Shaft Size Ø19, add a Coupling, Mounting Base, and Cover (For 1HP Only)

※ A standard dual-voltage motor is connected for low voltage. Please specify if you need it to be connected to high voltage when placing an order.

※ Recommend adding an adjustable pressure valve to prolong the lifetime of the motor and oil pump.