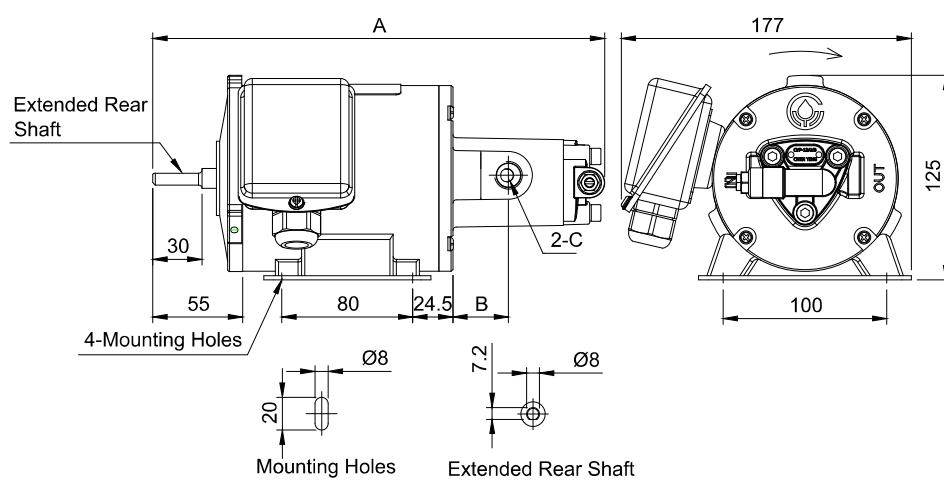




PMO-1-02-F-13-1



Dimensional Drawing of PMO-1-02-F-13-1

◆Features

1. Integrated Motor with Oil Pump only rotates either clockwise or anti-clockwise and the specification is only available for 1/4 HP Horizontal Motor.
2. The shafts of motor and pump rotor are integrated so that it can prevent the two shafts from chafing against each other and prolong the life time of it.
3. There are CYP-12A and CYP-13A available for different flow rates.
4. It can be added an adjustable pressure valve as optional. The range of pressure adjustment is 2-5 kgf/cm².
5. CYP oil pump can be added bearings to reduce wear rate and the noise. This design has Taiwan Design Patent no. M344393.
6. It can be applied widely for lubricating or cooling in various machines, such as CNC machines, knitting machines and planning machines.
7. Suitable oil viscosity range is 32~68cSt@40°C
8. The suitable operation temperature range is 0°C~90°C.

◆Dimensional Data & Technical Data

| Model | W/Adjustable Pressure Valve | A | B | C | Discharge Volume (L/min) | | Max Pressure | R.P.M | N.W.(g) |
|---------|-----------------------------|-----|----|-------|--------------------------|---------|-----------------------|---------------|---------|
| | | | | | 1420rpm | 1720rpm | | | |
| CYP-12A | O | 265 | 37 | PT1/4 | 3.7 | 4.5 | 5 kgf/cm ² | 1420~1720 rpm | 7020 |
| | X | 249 | 37 | | | | | | 6787 |
| CYP-13A | O | 277 | 34 | PT3/8 | 6.5 | 7.9 | | | 7150 |
| | X | 261 | 34 | | | | | | 6917 |

◆Order Code

| | | | | | |
|-----------------------------|-----------------|---|--------------------------------|---|--|
| PMO-1 | 02 | F | 13 | 1 | ※ |
| Integrated Motor W/Oil Pump | HP 02 1/4 HP | Voltage A 1Ø110V G 3Ø230/460V C 1Ø220V H 3Ø240/480V D 3Ø220/380V M 3Ø220V E 3Ø220/440V N 3Ø380V F 3Ø208/415V X Special Voltage | Pump Model 12 12A 13 13A | Pressure Valve 1 With Pressure Valve 0 Without Pressure Valve | Special Request B Pump With Bearings FAN Add a Fan |