

Coolant pumps

ACP- A Series



ACP - 401 A

Motor Out-put
功率 (W)

Pump Type
泵的类型

- ACP-A型是自吸式泵，很少受安装空间的限制，且外观设计紧凑，广泛使用在机床设备上。
- 此泵在初次运转时要从吐出口处注入油直到注满后再启动。由于内置了密封装置，请避免长时间的空转（30秒内）。
- Suction filter要与浸水式泵配套使用才能延长泵的寿命且在切削时保证精度。易于安装及卸载，所以便于更换及清洁。
- This type is a self-suction pump, and it has little restriction to install in small space. This type is used general machine.
- For the first operation of pump, the oil should be completely filled in the self suction room.
- Do not operate the pump after too long idle time because it causes mechanical seal damage. (idle time; within 30 seconds)

| TYPE | PUMP | | | MOTOR | | | | Weight (kg) |
|-------|---------------------|----------|----------------------|-------------|----------------|-------------|----------------|-------------|
| | Dis' volume (ℓ/min) | Head (m) | In-let& Out-Let (PS) | Out-put (W) | Frequency (Hz) | Voltage (V) | Current (A) | |
| 61A | 20 | 2 | 3/8" | 60 | 50 | 200/380/415 | 0.4/0.24/0.22 | 7.5 |
| | 25 | | | | 60 | 220/380/440 | 0.45/0.26/0.25 | |
| 101A | 30 | 2 | 3/8" | 100 | 50 | 200/380/415 | 0.5/0.29/0.27 | 8 |
| | 36 | | | | 60 | 220/380/440 | 0.55/0.32/0.31 | |
| 181A | 53 | 3 | 1/2" | 180 | 50 | 200/380/415 | 1/0.58/0.56 | 12 |
| | 70 | | | | 60 | 220/380/440 | 1.1/0.64/0.6 | |
| 251A | 85 | 4 | 3/4" | 250 | 50 | 200/380/415 | 1.5/0.87/0.82 | 13 |
| | 120 | | | | 60 | 220/380/440 | 1.6/0.93/0.88 | |
| 401A | 125 | 5 | 1" | 400 | 50 | 200/380/415 | 2.6/1.5/1.4 | 14.5 |
| | 170 | | | | 60 | 220/380/440 | 2.7/1.6/1.5 | |
| 1101A | 190 | 6 | 1 1/2" | 1100 | 50 | 200/380/415 | 4.4/2.5/2.3 | 32 |
| | 230 | | | | 60 | 220/380/440 | 4.8/2.8/2.6 | |

■ 保护等级 (Enclosure class)

- IP44 : ACP-61A, 101A, 181A, 251A, 401A(IP54 :OPTION)
- IP54 : ACP-1101A

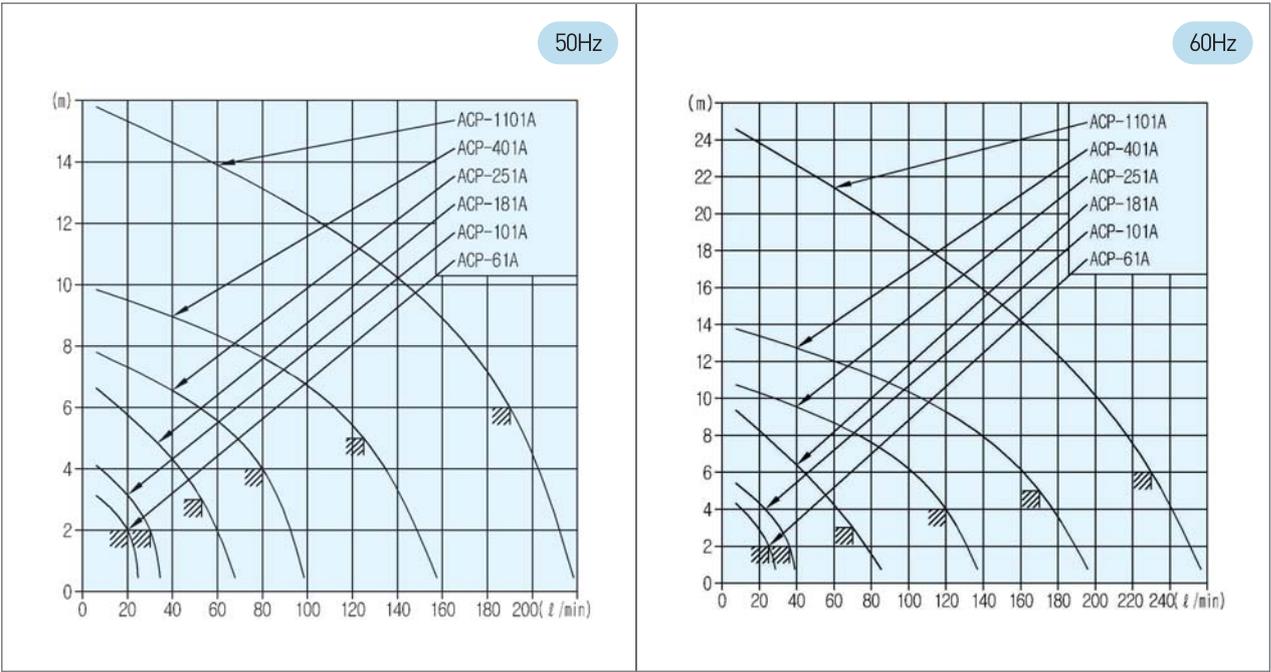
■ 绝缘等级 (Insulation class)

- B : ACP-61A, 101A, 181A, 251A
- F : ACP-401A, 1101A

※上表中的电压以 (220v/380v)为标准。此外电压本公司也可生产。

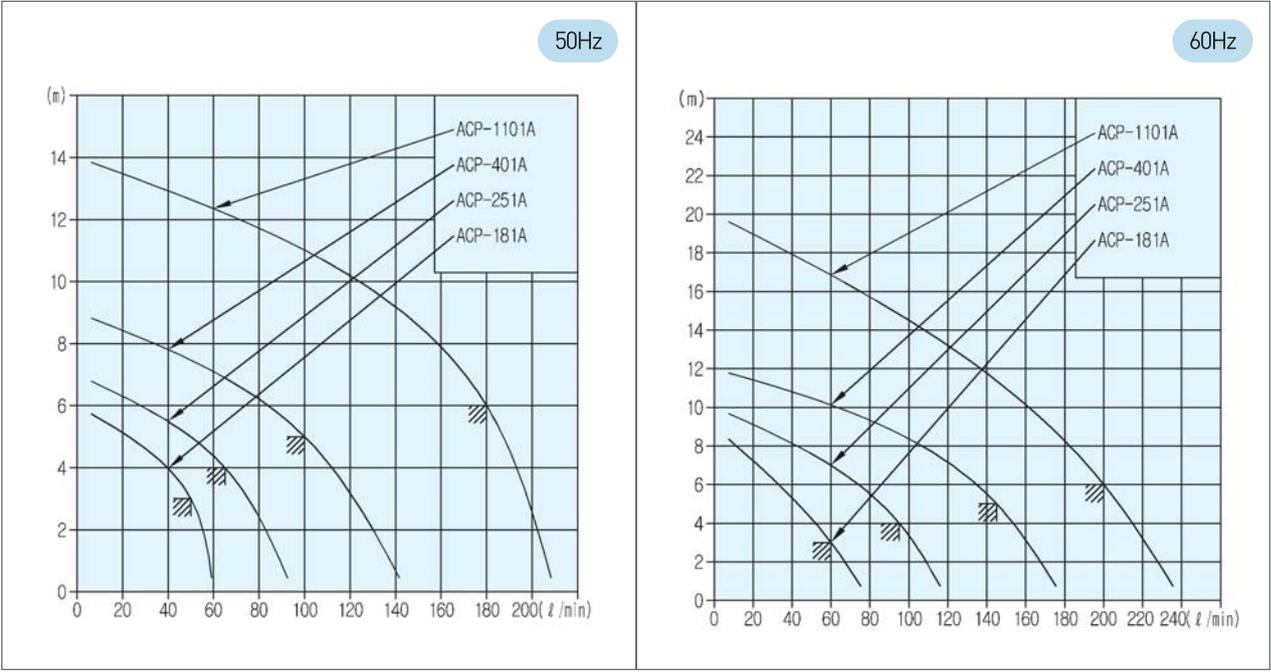
※Rated voltage in above table is standard specifications. Other voltage specifications can be manufactured by buyer's demands. Contact us first.

Performance range (Solubility in Water) 性能曲线 (水溶性切削液)



※以上的数据是在油温40℃，粘度在2cSt的情况下制成的。(Above data was tested in the viscosity 2cSt, oil temperature. 40 ℃.)

Performance range (Unsolubility in Water) 性能曲线 (非水溶性切削液)

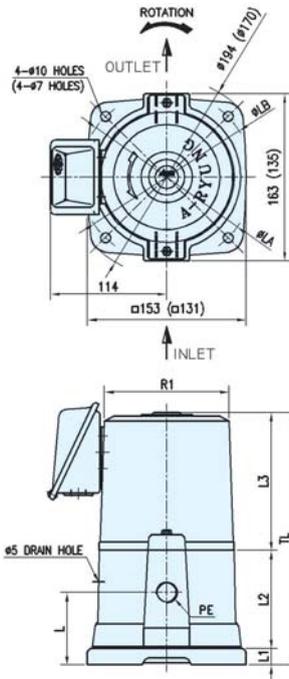


※以上的数据是在油温40℃，粘度在10cSt的情况下制成的。(Above data was tested in the viscosity 10cSt, oil temperature. 40 ℃.)

Coolant pumps

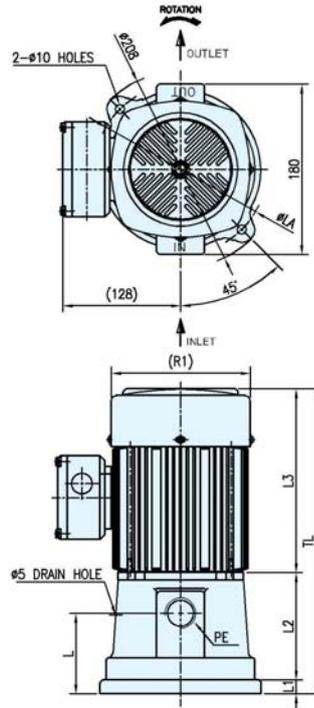
External dimensions 外形图

■ ACP-61A, 101A, 181A, 251A

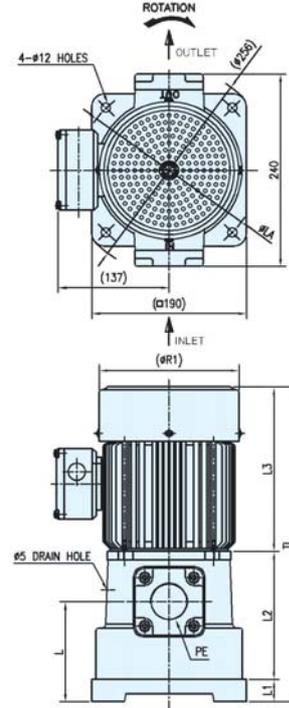


()안의 치수는 ACP-61A, 101A 적용임

■ ACP-401A



■ ACP-11010A



| TYPE | L | L1 | L2 | L3 | TL | ØR1 | ØLA | ØLB | PE |
|-------|-----|----|-----|-----|-----|-----|----------|----------|-------------|
| 61A | 56 | 16 | 72 | 116 | 203 | 93 | 132(132) | 130(150) | 2-PS 3/8" |
| 101A | 56 | 16 | 72 | 116 | 203 | 93 | 132(132) | 150(150) | 2-PS 3/8" |
| 181A | 71 | 16 | 96 | 135 | 247 | 120 | 160(167) | 164(170) | 2-PS 3/8" |
| 251A | 71 | 16 | 96 | 135 | 247 | 120 | 160(167) | 170(170) | 2-PS 3/8" |
| 401A | 85 | 15 | 113 | 194 | 322 | 145 | 180(180) | - | 2-PS 3/8" |
| 1101A | 125 | 28 | 160 | 205 | 393 | 172 | 220(220) | - | 2-PS 1 1/2" |

※ About ØA and ØB in the above table, the value in the parenthesis is applied only to domestic (korea) use.

上表的 ØA, LB 的括号内的数值为国内使用规格。

● 适用 Applications

- 使用液体 Type of fluid : Water/Coolant, Cutting oil, Grinding oil
- 使用粘度 Viscosity : 1~32cSt 以下
- 使用温度 Temperature : 80°C 以下

● Material 材质

- Motor frame : ALDC
- Pump body : Cast iron
- Casing : Cast iron
- Impeller : Powder - 61A, 101A, 181A, 251A, 401A
Cast iron - 1101A
- Shaft : Steel