## MULTI-STAGE IMMERSION TYPE 多段浸水型

# ACP-HMFD SERIES



| ACP | — | 4000 | HMFD | – | 200 | – | V | – | 2/2 |
|---|---|---|---|---|---|---|---|---|---|
| ① | | ② | ③ | | ④ | | ⑤ | | ⑥ |

| | |
|---|---|
| ① | ARYUNG Coolant pump |
| ② | Motor output (W) / モーター出力<br>4000 : 4000W, 5500 : 5500W |
| ③ | Pump type / ポンプタイプ |
| ④ | Head (m) / 揚程 |
| ⑤ | Attachment method / 取り付け方法<br>V : vertical, H : Horizontal |
| ⑥ | Voltage / 電圧<br>2/2 : 200/220V, 2/3 : 220/380V, 4/4 : 415/440V |

- ACP-HMFD Type is a lift type multi-stage centrifugal pump that is very suitable for high-precision, high-performance machine tools that require high pressure
- It is designed so that the heat generated by the motor is not transferred directly to the pump by maintaining a certain distance between the motor and the pump part, so it does not affect the rise of oil temperature.

- ACP-HMFDタイプは、高圧を必要とする高精度、高性能の機械工具に最適なリフト式多段遠心ポンプです。
- モーターとポンプ部の距離を一定に保つことで、モーターで発生した熱が直接ポンプに伝わらないように設計されているため、油温の上昇に影響を与えません。

| TYPE | PUMP | | | | | MOTOR | | | | Weight (kg) |
|---|---|---|---|---|---|---|---|---|---|---|
| | Discharge volume (ℓ/min) | Head (m) | In-Let (PS) | Out-Let (PS) | Immersion depth (mm) | Out -put (W) | Frequency (Hz) | Voltage (V) | Current (A) | |
| ACP-4000HMFD 180 V (H) | 20 | 125<br>180 | 1 1/2″<br>(1 1/4″) | 3/4″ | 325<br>( - ) | 4000 | 50<br>60 | 200/380/415<br>220/380/440 | 14.2/8.2/7.5<br>15.4/8.9/8.5 | 64 |
| ACP-4000HMFD 200 V (H) | 20 | 135<br>200 | 1 1/2″<br>(1 1/4″) | 3/4″ | 325<br>( - ) | 4000 | 50<br>60 | 200/380/415<br>220/380/440 | 14.2/8.2/7.5<br>15.4/8.9/8.5 | 65 |
| ACP-5500HMFD 200 V (H) | 20 | 145<br>200 | 1 1/2″<br>(1 1/4″) | 3/4″ | 470<br>( - ) | 5500 | 50<br>60 | 200/380/415<br>220/380/440 | 24.1/14.0/10.5<br>23.1/13.4/11.6 | 75 |
| ACP-5500HMFD 220 V (H) | 20 | 155<br>220 | 1 1/2″<br>(1 1/4″) | 3/4″ | 470<br>( - ) | 5500 | 50<br>60 | 200/380/415<br>220/380/440 | 24.1/14.0/10.5<br>23.1/13.4/11.6 | 76 |
| ACP-5500HMFD 240 V (H) | 20 | 165<br>240 | 1 1/2″<br>(1 1/4″) | 3/4″ | 470<br>( - ) | 5500 | 50<br>60 | 200/380/415<br>220/380/440 | 24.1/14.0/10.5<br>23.1/13.4/11.6 | 77 |
| ACP-5500HMFD 260 V (H) | 20 | 175<br>260 | 1 1/2″<br>(1 1/4″) | 3/4″ | 470<br>( - ) | 5500 | 50<br>60 | 200/380/415<br>220/380/440 | 24.1/14.0/10.5<br>23.1/13.4/11.6 | 78 |
| ACP-5500HMFD 280 V (H) | 20 | 185<br>280 | 1 1/2″<br>(1 1/4″) | 3/4″ | 470<br>( - ) | 5500 | 50<br>60 | 200/380/415<br>220/380/440 | 24.1/14.0/10.5<br>23.1/13.4/11.6 | 79 |

### Protection class (保護クラス)

- IP54

### Insulation class (絶縁クラス)

- F

### Apply 適用する

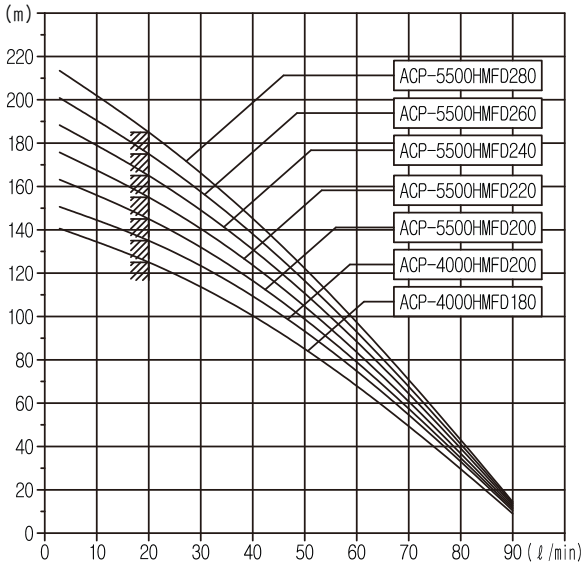
- Use fluid 使用した液体 :
  Water/Coolant, Cutting oil, Grinding oil
- Use Viscosity 粘度を使用する : 1~2cSt Below | 1~2cSt 以下
- Use temperature 使用温度 : 80°C Below | 80°C 以下

※ The rated voltage (220V/380V) in the table above is a standard specification.
Other voltage specifications can be made to order, so please contact us.
※ 上記表の定格電圧(220V/380V) は標準仕様です。 その他の電圧仕様は受注生産となりますので、お問い合わせください。

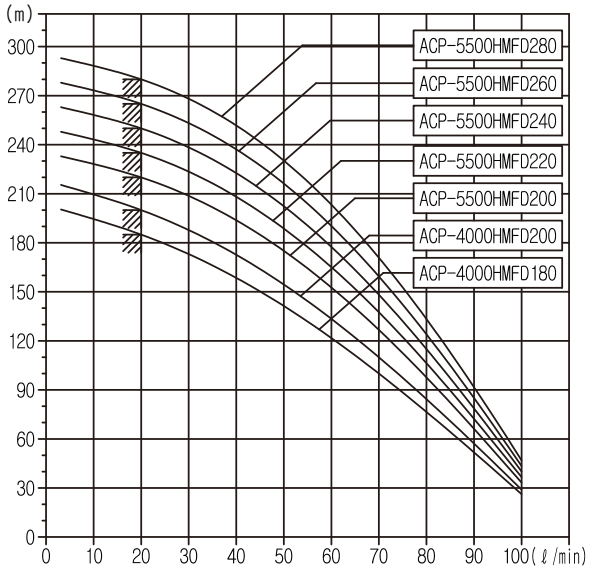
## Performance curve (water-soluble coolant)・性能曲線 (水溶性切削油)

※ISO VG 2 cSt, 20°C

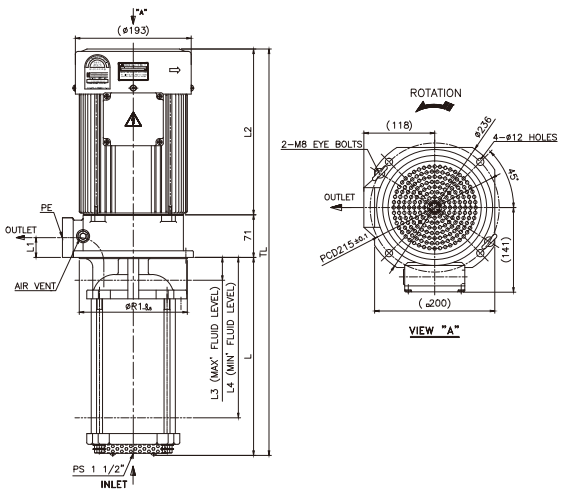
50Hz



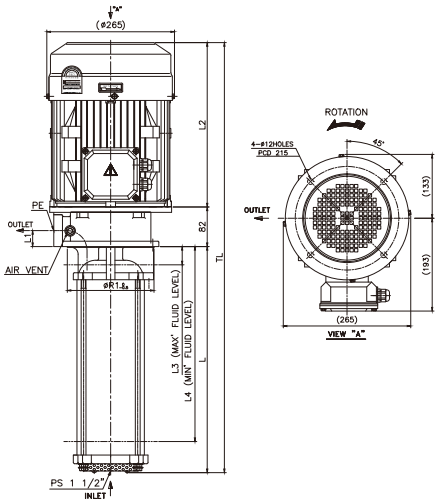

60Hz




## Appearance・外観




ACP – 4000HMFD - V




ACP – 5500HMFD - V

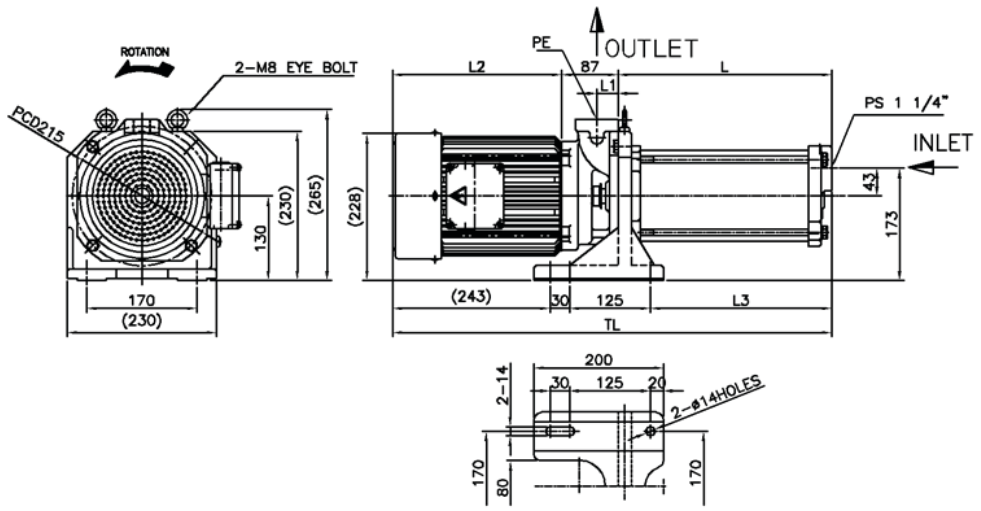
| TYPE | L | L1 | L2 | L3 | L4 | TL | ØR1 | PE |
|---|---|---|---|---|---|---|---|---|
| ACP-4000HMFD 180V/200V | 325 | 33 | 276 | 38 | 260 | 672 | 180 | PS 3/4" |
| ACP-5500HMFD 200V/220V | 470 | 33 | 352 | 38 | 405 | 893 | 180 | PS 3/4" |
| ACP-5500HMFD 240V/260V | 470 | 33 | 352 | 38 | 405 | 893 | 180 | PS 3/4" |
| ACP-5500HMFD 280V | 470 | 33 | 352 | 38 | 405 | 893 | 180 | PS 3/4" |

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# ACP-HMFD SERIES

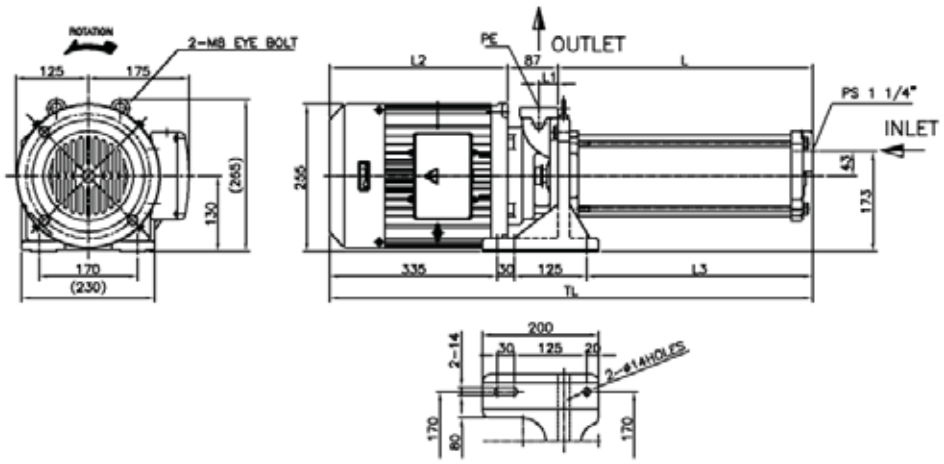
### » Appearance · 外觀

**ACP – 4000HMFD - H**




| TYPE | L | L1 | L2 | L3 | TL | PE |
|---|---|---|---|---|---|---|
| ACP-4000HMFD 180H / 200H | 358 | 33 | 276 | 309 | 705 | PS 3/4" |

**ACP – 5500HMFD - H**




| TYPE | L | L1 | L2 | L3 | TL | PE |
|---|---|---|---|---|---|---|
| ACP-5500HMFD 200H / 220H | 475 | 33 | 352 | 425 | 898 | PS 3/4" |
| ACP-5500HMFD 240H / 260H | 475 | 33 | 352 | 425 | 898 | PS 3/4" |
| ACP-5500HMFD 280H | 475 | 33 | 352 | 425 | 898 | PS 3/4" |