



# HWPD/VWPD

卧式/立式同轴离心泵

50Hz



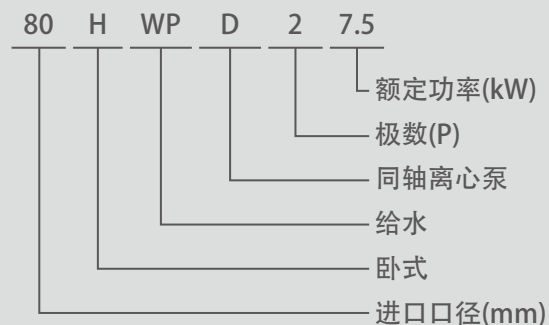
[www.hcppump.com.cn](http://www.hcppump.com.cn)

## HWPD Coaxial Centrifugal Pump

# HWPD卧式同轴离心泵



## 型号说明 Type description



## 特点 Features

- 叶轮采用优秀的水力模型设计,具有极好的动静平衡,性能稳定。
- 以电机轴作为泵轴,同心度可靠。
- 采用进口轴承,振动小,噪音低。
- 单吸,单级卧式离心泵,闭式叶轮。
- 同轴直接式构造,效率高,体积小,重量轻,安装保养容易。
- 采用机械密封,不损轴心,不漏水,使用寿命长。
- 可根据要求采用不同材质 (铸铁、不锈钢)。

- The impeller is designed using a hydraulic model for optimal dynamic-static balance and reliable performance.
- The shaft is concentric and built with the motor.
- High-quality bearing for minimal vibration and noise.
- Single-stage, single-inlet horizontal centrifugal pump with closed impeller.
- Concentric volute structure for a compact, high efficiency, lightweight, and easy installation and maintenance.
- Mechanical seals help prevent shaft damage or moisture intrusion for better durability.
- Different materials are available upon request. (casting iron and stainless steel)

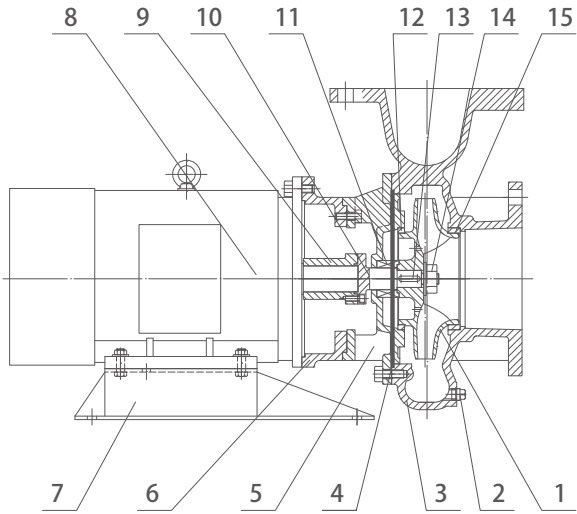
## 用途 Application

- 暖通空调冷热水循环系统
- 高楼给水
- 一般工业用水
- 消防给水
- 土木施工用水
- 污水处理设备
- 农业灌溉用水
- 锅炉给水
- Air-condition water circulation
- Apartment water supply system
- Industrial water supply
- Fire system water supply
- Construction water supply
- Wastewater Treatment
- Agricultural irrigation
- Feed water pump



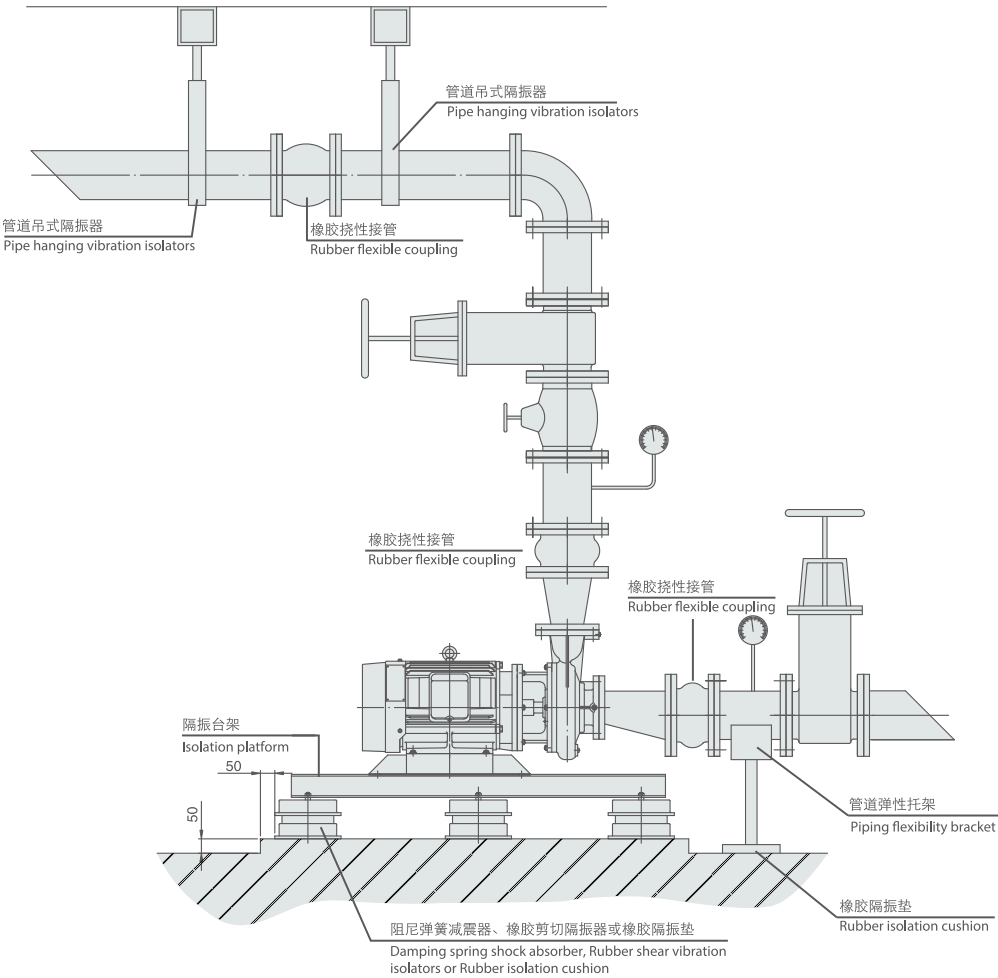
# 结构简图 Structure

| NO. | 名称            | Spare parts        | 材质 Material |             |
|-----|---------------|--------------------|-------------|-------------|
|     |               |                    | GB          | JIS         |
| 1   | 叶轮            | Impeller           | HT200       | FC200       |
| 2   | 堵头            | Plug               | Q235A       | SS400       |
| 3   | 泵体            | Pump casing        | HT200       | FC200       |
| 4   | O型圈           | O ring             | NBR         | NBR         |
| 5   | 中承座           | Bracket            | HT200       | FC200       |
| 6   | 接板            | Connecting plate   | HT200       | FC200       |
| 7   | 机座            | Base               | Q235A/HT200 | SS400/FC200 |
| 8   | 电机 (国标IM B35) | Motor              | -           | -           |
| 9   | 轴套            | Shaft sleeve       | 45          | S45C        |
| 10  | 轴伸            | Shaft extension    | 2Cr13       | SUS420      |
| 11  | 机械密封          | Mechanical seal    | SiC-C/NBR   | SiC-C/NBR   |
| 12  | 后密封环          | Rear sealing ring  | 石墨(锡青铜)     | C(LBC2)     |
| 13  | 键             | Key                | 2Cr13       | SUS420      |
| 14  | 叶轮螺母          | Impeller nut       | A2-70       | SUS304      |
| 15  | 前密封环          | Front sealing ring | 石墨(锡青铜)     | C(LBC2)     |

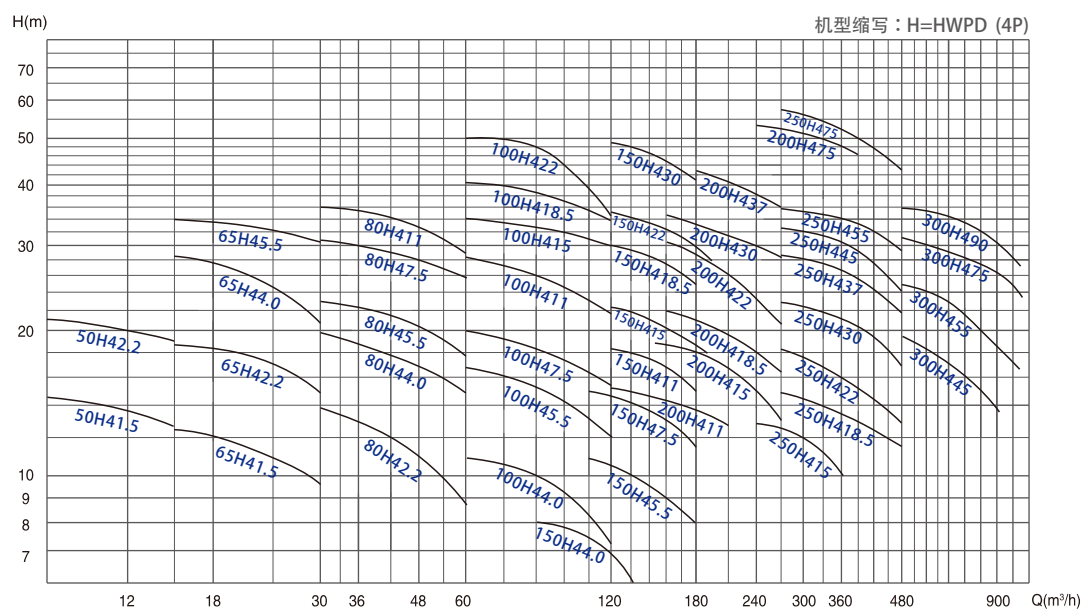
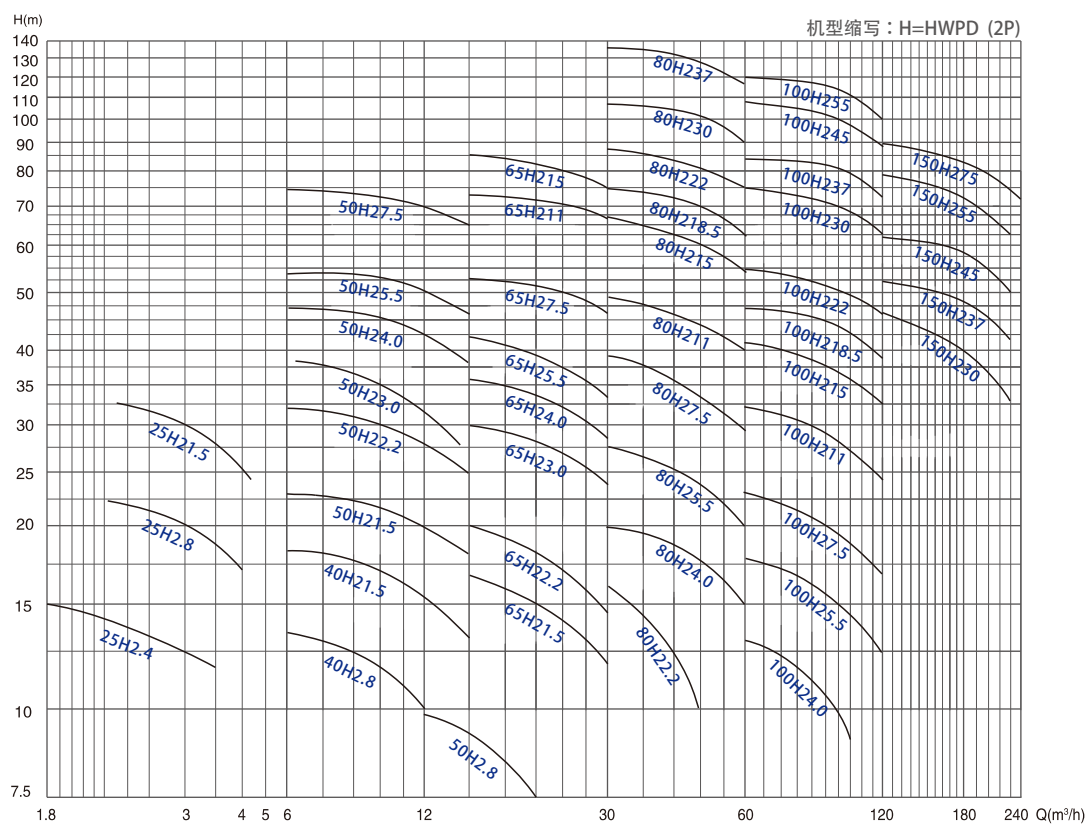


HWPDP结构简图

# 安装示意图 Installation diagram



## 性能曲线 Performance cruves



# 性能规格表 Performance specs.

(2P)

| 型号<br>Model             | 转速<br>Speed<br>(r/min) | 流量<br>Capacity<br>(m3/h) | 扬程<br>Head(m) | 效率<br>Eff(%) | 电动机功率<br>Motor power |      | 必须气蚀余量<br>Npshr(m) | 口径<br>Dia.(mm) | 重量<br>Weight(kg) |
|-------------------------|------------------------|--------------------------|---------------|--------------|----------------------|------|--------------------|----------------|------------------|
|                         |                        |                          |               |              | hp                   | kW   |                    |                |                  |
| 25HWP2.4                | 2900                   | 2.0                      | 15            | 30           | 0.5                  | 0.37 | 2.0                | 25             | 20               |
|                         |                        | 2.5                      | 13            | 35           |                      |      | 2.0                |                |                  |
|                         |                        | 3.0                      | 12            | 34           |                      |      | 2.0                |                |                  |
| 25HWP2.8<br>(只提供不锈钢材质)  | 2900                   | 2.0                      | 21            | 25           | 1                    | 0.75 | 2.0                | 25             | 31               |
|                         |                        | 3.0                      | 20            | 28           |                      |      | 2.0                |                |                  |
|                         |                        | 4.0                      | 17            | 27           |                      |      | 2.0                |                |                  |
| 25HWP21.5<br>(只提供不锈钢材质) | 2900                   | 2.0                      | 31            | 27           | 2                    | 1.5  | 2.0                | 25             | 35               |
|                         |                        | 3.0                      | 30            | 30           |                      |      | 2.0                |                |                  |
|                         |                        | 4.0                      | 28            | 28           |                      |      | 2.0                |                |                  |
| 40HWP2.8                | 2900                   | 7.2                      | 13            | 55           | 1                    | 0.75 | 2.0                | 40             | 30               |
|                         |                        | 9                        | 11.5          | 60           |                      |      | 2.0                |                |                  |
|                         |                        | 10.8                     | 10.5          | 58           |                      |      | 2.0                |                |                  |
| 40HWP21.5               | 2900                   | 8.8                      | 17.5          | 57           | 2                    | 1.5  | 2.0                | 40             | 36               |
|                         |                        | 11                       | 16            | 62           |                      |      | 2.0                |                |                  |
|                         |                        | 13.2                     | 14            | 61           |                      |      | 2.2                |                |                  |
| 50HWP2.8                | 2900                   | 9.4                      | 11            | 56           | 1                    | 0.75 | 2.0                | 50             | 28               |
|                         |                        | 11.7                     | 10            | 60           |                      |      | 2.0                |                |                  |
|                         |                        | 14                       | 9             | 59           |                      |      | 2.2                |                |                  |
| 50HWP21.5               | 2900                   | 8.8                      | 21.5          | 56           | 2                    | 1.5  | 2.0                | 50             | 40               |
|                         |                        | 12.5                     | 20            | 62           |                      |      | 2.0                |                |                  |
|                         |                        | 16.3                     | 17.8          | 61           |                      |      | 2.2                |                |                  |
| 50HWP22.2               | 2900                   | 9.4                      | 29.5          | 46           | 3                    | 2.2  | 2.0                | 50             | 52               |
|                         |                        | 11.7                     | 28            | 54           |                      |      | 2.0                |                |                  |
|                         |                        | 14                       | 25            | 53           |                      |      | 2.4                |                |                  |
| 50HWP23.0               | 2900                   | 8                        | 38            | 45           | 4                    | 3    | 2.0                | 50             | 63               |
|                         |                        | 10                       | 35            | 48           |                      |      | 2.0                |                |                  |
|                         |                        | 13                       | 32            | 47           |                      |      | 2.5                |                |                  |
| 50HWP24.0               | 2900                   | 9.4                      | 46            | 46           | 5                    | 4    | 2.0                | 50             | 73               |
|                         |                        | 11.7                     | 44            | 50           |                      |      | 2.0                |                |                  |
|                         |                        | 13                       | 40            | 49           |                      |      | 2.5                |                |                  |
| 50HWP25.5               | 2900                   | 10                       | 52            | 46           | 7.5                  | 5.5  | 2.1                | 50             | 80               |
|                         |                        | 12.5                     | 50            | 48           |                      |      | 2.2                |                |                  |
|                         |                        | 15                       | 47            | 47           |                      |      | 2.5                |                |                  |
| 50HWP27.5               | 2900                   | 9.4                      | 72            | 34           | 10                   | 7.5  | 2.2                | 50             | 110              |
|                         |                        | 11.7                     | 70            | 39           |                      |      | 2.4                |                |                  |
|                         |                        | 13                       | 66            | 38           |                      |      | 2.5                |                |                  |
| 65HWP21.5               | 2900                   | 16.8                     | 16.5          | 66           | 2                    | 1.5  | 2.0                | 65             | 42               |
|                         |                        | 21                       | 15            | 71           |                      |      | 2.0                |                |                  |
|                         |                        | 25.2                     | 13            | 70           |                      |      | 2.5                |                |                  |
| 65HWP22.2               | 2900                   | 16                       | 20            | 67           | 3                    | 2.2  | 2.2                | 65             | 43               |
|                         |                        | 22.3                     | 18            | 70           |                      |      | 2.2                |                |                  |
|                         |                        | 29                       | 14            | 69           |                      |      | 2.5                |                |                  |
| 65HWP23.0               | 2900                   | 15                       | 30            | 62           | 4                    | 3    | 2.0                | 65             | 66               |
|                         |                        | 20                       | 28            | 65           |                      |      | 2.0                |                |                  |
|                         |                        | 25                       | 25            | 64           |                      |      | 2.5                |                |                  |
| 65HWP24.0               | 2900                   | 20                       | 34            | 63           | 5                    | 4    | 2.0                | 65             | 77               |
|                         |                        | 25                       | 32            | 66           |                      |      | 2.0                |                |                  |
|                         |                        | 30                       | 28            | 65           |                      |      | 2.5                |                |                  |
| 65HWP25.5               | 2900                   | 17.4                     | 40.5          | 54           | 7.5                  | 5.5  | 2.0                | 65             | 92               |
|                         |                        | 21.7                     | 38            | 60           |                      |      | 2.0                |                |                  |
|                         |                        | 26                       | 34            | 56           |                      |      | 2.5                |                |                  |
| 65HWP27.5               | 2900                   | 20                       | 51.5          | 57           | 10                   | 7.5  | 2.0                | 65             | 103              |
|                         |                        | 25                       | 50            | 60           |                      |      | 2.0                |                |                  |
|                         |                        | 30                       | 47            | 59           |                      |      | 2.5                |                |                  |
| 65HWP211                | 2900                   | 18.4                     | 72            | 48           | 15                   | 11   | 2.0                | 65             | 145              |
|                         |                        | 23                       | 70            | 52           |                      |      | 2.0                |                |                  |
|                         |                        | 27.6                     | 66.5          | 51           |                      |      | 2.5                |                |                  |
| 65HWP215                | 2900                   | 20                       | 82            | 47           | 20                   | 15   | 2.0                | 65             | 175              |
|                         |                        | 25                       | 80            | 51           |                      |      | 2.0                |                |                  |
|                         |                        | 30                       | 74            | 50           |                      |      | 2.5                |                |                  |
| 80HWP22.2               | 2900                   | 32                       | 16            | 70           | 3                    | 2.2  | 3.0                | 80             | 65               |
|                         |                        | 40                       | 12            | 73           |                      |      | 3.0                |                |                  |
|                         |                        | 46                       | 10            | 66           |                      |      | 3.5                |                |                  |
| 80HWP24.0               | 2900                   | 35.8                     | 18            | 72           | 5                    | 4    | 3.0                | 80             | 73               |
|                         |                        | 44.7                     | 16            | 74           |                      |      | 3.0                |                |                  |
|                         |                        | 53.6                     | 14            | 68           |                      |      | 3.5                |                |                  |
| 80HWP25.5               | 2900                   | 34.6                     | 26            | 66           | 7.5                  | 5.5  | 2.5                | 80             | 98               |
|                         |                        | 43.3                     | 24            | 72           |                      |      | 2.5                |                |                  |
|                         |                        | 52                       | 21            | 70           |                      |      | 2.5                |                |                  |

# 性能规格表 Performance specs.

(2P)

| 型号<br>Model   | 转速<br>Speed<br>(r/min) | 流量<br>Capacity<br>(m3/h) | 扬程<br>Head(m) | 效率<br>Eff(%) | 电动机功率<br>Motor power |      | 必需气蚀余量<br>Npshr(m) | 口径<br>Dia.(mm) | 重量<br>Weight(kg) |
|---------------|------------------------|--------------------------|---------------|--------------|----------------------|------|--------------------|----------------|------------------|
|               |                        |                          |               |              | hp                   | kW   |                    |                |                  |
| 80HWPDP27.5   | 2900                   | 32                       | 38            | 60           | 10                   | 7.5  | 2.5                | 80             | 107              |
|               |                        | 40                       | 36            | 68           |                      |      | 2.5                |                |                  |
|               |                        | 48                       | 33            | 66           |                      |      | 3.0                |                |                  |
| 80HWPDP211    | 2900                   | 37.4                     | 46.5          | 61           | 15                   | 11   | 2.5                | 80             | 159              |
|               |                        | 46.8                     | 44            | 68           |                      |      | 2.5                |                |                  |
|               |                        | 56.2                     | 41            | 66           |                      |      | 3.0                |                |                  |
| 80HWPDP215    | 2900                   | 34.6                     | 64            | 58           | 20                   | 15   | 2.5                | 80             | 180              |
|               |                        | 43.3                     | 60            | 64           |                      |      | 2.5                |                |                  |
|               |                        | 52                       | 57            | 59           |                      |      | 3.0                |                |                  |
| 80HWPDP218.5  | 2900                   | 37                       | 73.5          | 50           | 25                   | 18.5 | 2.5                | 80             | 205              |
|               |                        | 46.8                     | 70            | 62           |                      |      | 2.5                |                |                  |
|               |                        | 56                       | 65            | 60           |                      |      | 3.0                |                |                  |
| 80HWPDP222    | 2900                   | 40                       | 84            | 54           | 30                   | 22   | 2.5                | 80             | 250              |
|               |                        | 50                       | 80            | 62           |                      |      | 2.5                |                |                  |
|               |                        | 60                       | 75            | 61           |                      |      | 3.0                |                |                  |
| 80HWPDP230    | 2900                   | 36.4                     | 108           | 46           | 40                   | 30   | 3.0                | 80             | 263              |
|               |                        | 45.4                     | 103           | 50           |                      |      | 3.0                |                |                  |
|               |                        | 54.5                     | 93            | 49           |                      |      | 3.0                |                |                  |
| 80HWPDP237    | 2900                   | 40                       | 132           | 49           | 50                   | 37   | 3.0                | 80             | 410              |
|               |                        | 50                       | 125           | 54           |                      |      | 3.0                |                |                  |
|               |                        | 60                       | 119           | 53           |                      |      | 3.5                |                |                  |
| 100HWPDP24.0  | 2900                   | 56                       | 13.5          | 66           | 5                    | 4    | 3.5                | 100            | 79               |
|               |                        | 70                       | 12            | 74           |                      |      | 4.0                |                |                  |
|               |                        | 84                       | 10            | 72           |                      |      | 4.5                |                |                  |
| 100HWPDP25.5  | 2900                   | 68                       | 17.5          | 68           | 7.5                  | 5.5  | 4.0                | 100            | 95               |
|               |                        | 85                       | 16            | 76           |                      |      | 4.5                |                |                  |
|               |                        | 102                      | 14            | 75           |                      |      | 4.5                |                |                  |
| 100HWPDP27.5  | 2900                   | 72                       | 22.5          | 69           | 10                   | 7.5  | 4.0                | 100            | 97               |
|               |                        | 90                       | 20            | 77           |                      |      | 4.5                |                |                  |
|               |                        | 108                      | 18            | 75           |                      |      | 5.0                |                |                  |
| 100HWPDP211   | 2900                   | 72                       | 31.5          | 71           | 15                   | 11   | 3.5                | 100            | 170              |
|               |                        | 90                       | 28            | 77           |                      |      | 4.0                |                |                  |
|               |                        | 108                      | 21            | 75           |                      |      | 5.0                |                |                  |
| 100HWPDP215   | 2900                   | 69.2                     | 40            | 68           | 20                   | 15   | 3.0                | 100            | 174              |
|               |                        | 86.6                     | 38            | 75           |                      |      | 3.5                |                |                  |
|               |                        | 102                      | 34.5          | 72           |                      |      | 3.6                |                |                  |
| 100HWPDP218.5 | 2900                   | 74.8                     | 46            | 68           | 25                   | 18.5 | 2.5                | 100            | 210              |
|               |                        | 93.5                     | 44            | 76           |                      |      | 2.5                |                |                  |
|               |                        | 112.2                    | 40            | 73           |                      |      | 3.0                |                |                  |
| 100HWPDP222   | 2900                   | 80                       | 52.5          | 68           | 30                   | 22   | 3.0                | 100            | 260              |
|               |                        | 100                      | 50            | 75           |                      |      | 3.5                |                |                  |
|               |                        | 120                      | 46            | 74           |                      |      | 4.0                |                |                  |
| 100HWPDP230   | 2900                   | 74.8                     | 74            | 65           | 40                   | 30   | 2.5                | 100            | 280              |
|               |                        | 93.5                     | 70            | 71           |                      |      | 3.5                |                |                  |
|               |                        | 112.2                    | 64            | 69           |                      |      | 4.0                |                |                  |
| 100HWPDP237   | 2900                   | 80                       | 84            | 65           | 50                   | 37   | 2.5                | 100            | 352              |
|               |                        | 100                      | 80            | 70           |                      |      | 3.5                |                |                  |
|               |                        | 120                      | 72            | 69           |                      |      | 4.0                |                |                  |
| 100HWPDP245   | 2900                   | 72                       | 106           | 54           | 60                   | 45   | 2.5                | 100            | 388              |
|               |                        | 90                       | 100           | 62           |                      |      | 3.5                |                |                  |
|               |                        | 108                      | 91            | 60           |                      |      | 4.0                |                |                  |
| 100HWPDP255   | 2900                   | 76.4                     | 118           | 58           | 75                   | 55   | 3.0                | 100            | 448              |
|               |                        | 95.5                     | 114           | 64           |                      |      | 3.0                |                |                  |
|               |                        | 115                      | 102           | 63           |                      |      | 4.0                |                |                  |
| 150HWPDP230   | 2900                   | 144                      | 43            | 68           | 40                   | 30   | 3.1                | 150            | 375              |
|               |                        | 180                      | 40            | 77           |                      |      | 3.1                |                |                  |
|               |                        | 216                      | 35            | 74           |                      |      | 3.4                |                |                  |
| 150HWPDP237   | 2900                   | 144                      | 51            | 69           | 50                   | 37   | 3.0                | 150            | 412              |
|               |                        | 180                      | 48            | 77           |                      |      | 3.0                |                |                  |
|               |                        | 216                      | 43.5          | 74           |                      |      | 4.0                |                |                  |
| 150HWPDP245   | 2900                   | 144                      | 61            | 69           | 60                   | 45   | 3.5                | 150            | 440              |
|               |                        | 180                      | 58            | 77           |                      |      | 3.5                |                |                  |
|               |                        | 216                      | 52            | 74           |                      |      | 4.5                |                |                  |
| 150HWPDP255   | 2900                   | 150                      | 76            | 70           | 75                   | 55   | 4.0                | 150            | 465              |
|               |                        | 187                      | 70            | 78           |                      |      | 4.0                |                |                  |
|               |                        | 224                      | 64            | 75           |                      |      | 5.0                |                |                  |
| 150HWPDP275   | 2900                   | 160                      | 85            | 70           | 100                  | 75   | 4.0                | 150            | 545              |
|               |                        | 200                      | 80            | 78           |                      |      | 4.2                |                |                  |
|               |                        | 240                      | 72            | 76           |                      |      | 5.0                |                |                  |

## 性能规格表 Performance specs.

(4P)

| 型号<br>Model | 转速<br>Speed<br>(r/min) | 流量<br>Capacity<br>(m3/h) | 扬程<br>Head(m) | 效率<br>Eff(%) | 电动机功率<br>Motor power |      | 必须气蚀余量<br>Npshr(m) | 口径<br>Dia.(mm) | 重量<br>Weight(kg) |
|-------------|------------------------|--------------------------|---------------|--------------|----------------------|------|--------------------|----------------|------------------|
|             |                        |                          |               |              | hp                   | kW   |                    |                |                  |
| 50HWP41.5   | 1450                   | 8.6                      | 16.5          | 44           | 2                    | 1.5  | 2.5                | 50             | 64               |
|             |                        | 10.8                     | 15            | 49           |                      |      | 2.5                |                |                  |
|             |                        | 13.0                     | 14            | 46           |                      |      | 3.0                |                |                  |
| 50HWP42.2   | 1450                   | 7.5                      | 21            | 44           | 3                    | 2.2  | 2.0                | 50             | 70               |
|             |                        | 12.5                     | 20            | 48           |                      |      | 2.0                |                |                  |
|             |                        | 15                       | 19.4          | 45           |                      |      | 2.5                |                |                  |
| 65HWP41.5   | 1450                   | 18.7                     | 11.8          | 56           | 2                    | 1.5  | 2.5                | 65             | 54               |
|             |                        | 23.4                     | 11            | 65           |                      |      | 2.5                |                |                  |
|             |                        | 28                       | 10.2          | 62           |                      |      | 3.0                |                |                  |
| 65HWP42.2   | 1450                   | 18.7                     | 18.3          | 53           | 3                    | 2.2  | 2.5                | 65             | 74               |
|             |                        | 23.4                     | 17            | 60           |                      |      | 2.5                |                |                  |
|             |                        | 28                       | 15.5          | 56           |                      |      | 3.0                |                |                  |
| 65HWP44.0   | 1450                   | 17                       | 27            | 44           | 5                    | 4    | 2.5                | 65             | 105              |
|             |                        | 21.4                     | 25            | 53           |                      |      | 2.5                |                |                  |
|             |                        | 25.6                     | 22.5          | 51           |                      |      | 3.0                |                |                  |
| 65HWP45.5   | 1450                   | 20                       | 33            | 48           | 7.5                  | 5.5  | 2.5                | 65             | 131              |
|             |                        | 25                       | 32            | 52           |                      |      | 2.5                |                |                  |
|             |                        | 30                       | 30.8          | 50           |                      |      | 3.0                |                |                  |
| 80HWP42.2   | 1450                   | 32                       | 14            | 65           | 3                    | 2.2  | 2.0                | 80             | 84               |
|             |                        | 40                       | 12            | 70           |                      |      | 2.0                |                |                  |
|             |                        | 48                       | 9             | 68           |                      |      | 2.5                |                |                  |
| 80HWP44.0   | 1450                   | 37                       | 18.7          | 60           | 5                    | 4    | 2.0                | 80             | 95               |
|             |                        | 46.7                     | 17            | 68           |                      |      | 2.0                |                |                  |
|             |                        | 56                       | 16.6          | 64           |                      |      | 2.5                |                |                  |
| 80HWP45.5   | 1450                   | 40                       | 22            | 60           | 7.5                  | 5.5  | 2.0                | 80             | 110              |
|             |                        | 50                       | 20            | 69           |                      |      | 2.0                |                |                  |
|             |                        | 60                       | 18            | 65           |                      |      | 2.5                |                |                  |
| 80HWP47.5   | 1450                   | 37                       | 30            | 56           | 10                   | 7.5  | 2.0                | 80             | 144              |
|             |                        | 46.7                     | 28            | 63           |                      |      | 2.0                |                |                  |
|             |                        | 56                       | 26.5          | 61           |                      |      | 2.5                |                |                  |
| 80HWP411    | 1450                   | 40                       | 34.2          | 60           | 15                   | 11   | 2.0                | 80             | 188              |
|             |                        | 50                       | 32            | 63           |                      |      | 2.0                |                |                  |
|             |                        | 60                       | 29            | 62           |                      |      | 2.5                |                |                  |
| 100HWP44.0  | 1450                   | 69.2                     | 10.5          | 66           | 5                    | 4    | 2.5                | 100            | 100              |
|             |                        | 86.5                     | 9.5           | 75           |                      |      | 2.5                |                |                  |
|             |                        | 103.8                    | 8             | 70           |                      |      | 3.0                |                |                  |
| 100HWP45.5  | 1450                   | 69.2                     | 16.6          | 67           | 7.5                  | 5.5  | 2.5                | 100            | 126              |
|             |                        | 89.5                     | 15            | 75           |                      |      | 2.5                |                |                  |
|             |                        | 103.8                    | 13.2          | 72           |                      |      | 3.0                |                |                  |
| 100HWP47.5  | 1450                   | 74.8                     | 18.5          | 69           | 10                   | 7.5  | 2.5                | 100            | 142              |
|             |                        | 93.5                     | 17.5          | 74           |                      |      | 2.5                |                |                  |
|             |                        | 112.2                    | 16            | 73           |                      |      | 3.0                |                |                  |
| 100HWP411   | 1450                   | 72.6                     | 27.2          | 62           | 15                   | 11   | 2.5                | 100            | 198              |
|             |                        | 90.8                     | 25.8          | 71           |                      |      | 2.5                |                |                  |
|             |                        | 109                      | 22.8          | 68           |                      |      | 3.0                |                |                  |
| 100HWP415   | 1450                   | 80                       | 33.5          | 67           | 20                   | 15   | 2.5                | 100            | 230              |
|             |                        | 100                      | 32            | 72           |                      |      | 2.5                |                |                  |
|             |                        | 120                      | 29.5          | 71           |                      |      | 3.0                |                |                  |
| 100HWP418.5 | 1450                   | 72                       | 40            | 62           | 25                   | 18.5 | 2.5                | 100            | 320              |
|             |                        | 90                       | 38            | 68           |                      |      | 2.5                |                |                  |
|             |                        | 108                      | 35.5          | 65           |                      |      | 3.0                |                |                  |
| 100HWP422   | 1450                   | 76                       | 47            | 60           | 30                   | 22   | 2.5                | 100            | 345              |
|             |                        | 95                       | 44            | 66           |                      |      | 2.5                |                |                  |
|             |                        | 114                      | 38            | 63           |                      |      | 3.0                |                |                  |
| 150HWP44.0  | 1450                   | 96                       | 8             | 70           | 5                    | 4    | 3.0                | 150            | 112              |
|             |                        | 120                      | 7             | 76           |                      |      | 3.0                |                |                  |
|             |                        | 144                      | 5             | 72           |                      |      | 3.5                |                |                  |
| 150HWP45.5  | 1450                   | 108                      | 11            | 71           | 7.5                  | 5.5  | 3.0                | 150            | 202              |
|             |                        | 130                      | 10            | 77           |                      |      | 3.0                |                |                  |
|             |                        | 156                      | 9             | 74           |                      |      | 3.5                |                |                  |
| 150HWP47.5  | 1450                   | 107                      | 15            | 71           | 10                   | 7.5  | 3.0                | 150            | 150              |
|             |                        | 134                      | 14            | 79           |                      |      | 3.0                |                |                  |
|             |                        | 160                      | 12.5          | 78           |                      |      | 3.5                |                |                  |
| 150HWP411   | 1450                   | 120                      | 18.5          | 74           | 15                   | 11   | 2.5                | 150            | 204              |
|             |                        | 147                      | 17            | 79           |                      |      | 2.5                |                |                  |
|             |                        | 180                      | 15            | 78           |                      |      | 3.0                |                |                  |
| 150HWP415   | 1450                   | 128                      | 21.5          | 75           | 20                   | 15   | 2.5                | 150            | 235              |
|             |                        | 160                      | 20            | 80           |                      |      | 2.5                |                |                  |
|             |                        | 192                      | 18            | 78           |                      |      | 3.0                |                |                  |

# 性能规格表 Performance specs.

(4P)

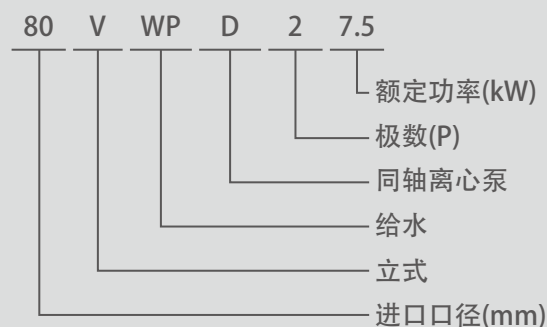
| 型号<br>Model | 转速<br>Speed<br>(r/min) | 流量<br>Capacity<br>(m3/h) | 扬程<br>Head(m) | 效率<br>Eff(%) | 电动机功率<br>Motor power |      | 必须气蚀余量<br>Npshr(m) | 口径<br>Dia.(mm) | 重量<br>Weight(kg) |
|-------------|------------------------|--------------------------|---------------|--------------|----------------------|------|--------------------|----------------|------------------|
|             |                        |                          |               |              | hp                   | kW   |                    |                |                  |
| 150HWP418.5 | 1450                   | 120                      | 30            | 70           | 25                   | 18.5 | 2.5                | 150            | 285              |
|             |                        | 150                      | 28            | 78           |                      |      | 2.5                |                |                  |
|             |                        | 180                      | 25            | 75           |                      |      | 3.0                |                |                  |
| 150HWP422   | 1450                   | 128                      | 34.8          | 70           | 30                   | 22   | 2.5                | 150            | 310              |
|             |                        | 160                      | 32            | 78           |                      |      | 2.5                |                |                  |
|             |                        | 192                      | 28            | 75           |                      |      | 3.0                |                |                  |
| 150HWP430   | 1450                   | 120                      | 48.5          | 66           | 40                   | 30   | 3.0                | 150            | 375              |
|             |                        | 150                      | 45            | 72           |                      |      | 3.0                |                |                  |
|             |                        | 180                      | 41            | 71           |                      |      | 3.5                |                |                  |
| 200HWP411   | 1450                   | 133                      | 15            | 68           | 15                   | 11   | 3.0                | 200            | 215              |
|             |                        | 167                      | 14            | 78           |                      |      | 3.0                |                |                  |
|             |                        | 200                      | 13            | 75           |                      |      | 3.0                |                |                  |
| 200HWP415   | 1450                   | 148                      | 19            | 72           | 20                   | 15   | 2.5                | 200            | 238              |
|             |                        | 185                      | 17            | 78           |                      |      | 2.5                |                |                  |
|             |                        | 222                      | 15            | 77           |                      |      | 3.0                |                |                  |
| 200HWP418.5 | 1450                   | 160                      | 21.5          | 72           | 25                   | 18.5 | 2.5                | 200            | 308              |
|             |                        | 200                      | 20            | 78           |                      |      | 2.5                |                |                  |
|             |                        | 240                      | 18            | 76           |                      |      | 3.0                |                |                  |
| 200HWP422   | 1450                   | 148                      | 31            | 72           | 30                   | 22   | 3.0                | 200            | 325              |
|             |                        | 185                      | 28            | 78           |                      |      | 3.0                |                |                  |
|             |                        | 222                      | 24            | 77           |                      |      | 3.5                |                |                  |
| 200HWP430   | 1450                   | 160                      | 34.6          | 72           | 40                   | 30   | 3.0                | 200            | 335              |
|             |                        | 200                      | 32            | 79           |                      |      | 3.0                |                |                  |
|             |                        | 240                      | 30            | 78           |                      |      | 3.5                |                |                  |
| 200HWP437   | 1450                   | 176                      | 43            | 70           | 50                   | 37   | 3.0                | 200            | 462              |
|             |                        | 200                      | 40            | 76           |                      |      | 3.5                |                |                  |
|             |                        | 264                      | 36            | 72           |                      |      | 4.0                |                |                  |
| 200HWP445   | 1450                   | 256                      | 35            | 73           | 60                   | 45   | 4.0                | 200            | 500              |
|             |                        | 320                      | 32            | 79           |                      |      | 4.0                |                |                  |
|             |                        | 384                      | 29            | 78           |                      |      | 4.4                |                |                  |
| 200HWP455   | 1450                   | 276                      | 40            | 71           | 75                   | 55   | 4.0                | 200            | 595              |
|             |                        | 346                      | 38            | 78           |                      |      | 4.0                |                |                  |
|             |                        | 415                      | 36            | 77           |                      |      | 4.5                |                |                  |
| 200HWP475   | 1450                   | 240                      | 52            | 72           | 100                  | 75   | 4.5                | 200            | 784              |
|             |                        | 300                      | 50            | 79           |                      |      | 4.5                |                |                  |
|             |                        | 400                      | 47            | 78           |                      |      | 5.0                |                |                  |
| 250HWP415   | 1450                   | 240                      | 13            | 73           | 20                   | 15   | 3.0                | 250            | 290              |
|             |                        | 300                      | 12            | 77           |                      |      | 3.5                |                |                  |
|             |                        | 360                      | 10            | 75           |                      |      | 4.0                |                |                  |
| 250HWP418.5 | 1450                   | 264                      | 15            | 73           | 25                   | 18.5 | 4.0                | 250            | 334              |
|             |                        | 330                      | 14            | 78           |                      |      | 5.0                |                |                  |
|             |                        | 396                      | 13            | 76           |                      |      | 6.0                |                |                  |
| 250HWP422   | 1450                   | 288                      | 18            | 73           | 30                   | 22   | 4.0                | 250            | 350              |
|             |                        | 360                      | 16            | 80           |                      |      | 5.0                |                |                  |
|             |                        | 432                      | 14            | 78           |                      |      | 6.0                |                |                  |
| 250HWP430   | 1450                   | 320                      | 22            | 74           | 40                   | 30   | 3.0                | 250            | 417              |
|             |                        | 400                      | 20            | 80           |                      |      | 3.5                |                |                  |
|             |                        | 480                      | 17            | 79           |                      |      | 5.0                |                |                  |
| 250HWP437   | 1450                   | 304                      | 28            | 72           | 50                   | 37   | 3.5                | 250            | 476              |
|             |                        | 380                      | 26            | 80           |                      |      | 4.0                |                |                  |
|             |                        | 456                      | 22            | 78           |                      |      | 5.0                |                |                  |
| 250HWP445   | 1450                   | 320                      | 31            | 72           | 60                   | 45   | 3.5                | 250            | 535              |
|             |                        | 400                      | 28            | 80           |                      |      | 4.0                |                |                  |
|             |                        | 480                      | 24            | 78           |                      |      | 5.0                |                |                  |
| 250HWP455   | 1450                   | 320                      | 34.5          | 75           | 75                   | 55   | 5.0                | 250            | 580              |
|             |                        | 400                      | 32            | 81           |                      |      | 5.5                |                |                  |
|             |                        | 480                      | 28.5          | 79           |                      |      | 6.0                |                |                  |
| 250HWP475   | 1450                   | 320                      | 56            | 75           | 100                  | 75   | 5.0                | 250            | 830              |
|             |                        | 400                      | 50            | 81           |                      |      | 5.0                |                |                  |
|             |                        | 480                      | 42            | 80           |                      |      | 5.5                |                |                  |
| 300HWP445   | 1450                   | 500                      | 19.5          | 75           | 60                   | 45   | 5.5                | 300            | 625              |
|             |                        | 600                      | 17            | 80           |                      |      | 5.5                |                |                  |
|             |                        | 700                      | 15            | 78           |                      |      | 5.5                |                |                  |
| 300HWP455   | 1450                   | 480                      | 26            | 76           | 75                   | 55   | 6.0                | 300            | 770              |
|             |                        | 600                      | 24            | 82           |                      |      | 6.0                |                |                  |
|             |                        | 720                      | 20            | 80           |                      |      | 6.0                |                |                  |
| 300HWP475   | 1450                   | 528                      | 31            | 76           | 100                  | 75   | 6.0                | 300            | 912              |
|             |                        | 660                      | 28            | 83           |                      |      | 6.0                |                |                  |
|             |                        | 792                      | 25.5          | 80           |                      |      | 6.0                |                |                  |
| 300HWP490   | 1450                   | 576                      | 34            | 78           | 125                  | 90   | 5.0                | 300            | 1015             |
|             |                        | 720                      | 32            | 83           |                      |      | 5.0                |                |                  |
|             |                        | 864                      | 27            | 81           |                      |      | 5.5                |                |                  |

## VWPD Coaxial Centrifugal Pump

# VWPD立式同轴离心泵



## 型号说明 Type description



## 特点 Features

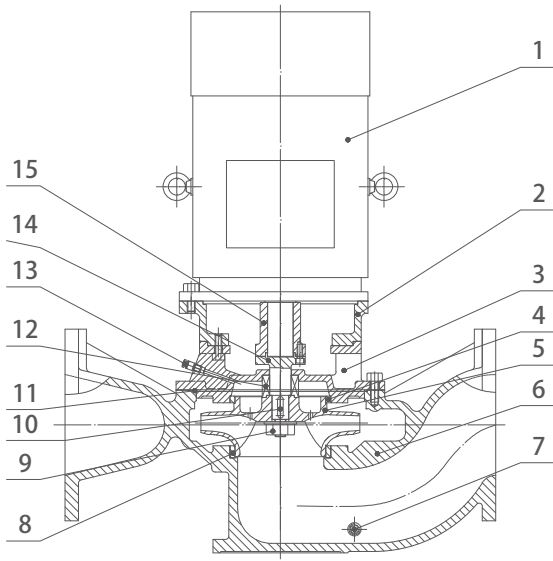
- 同轴直接式构造,效率高,体积小,重量轻,安装保养容易。
- 采用进口轴承,振动小,噪音低。
- 采用机械密封,保证不损轴心,不漏水,使用寿命长。
- 叶轮采用优秀水力模型,性能稳定、制造精良,具有极好的动静平衡。
- 采用针式排气阀,操作简便。
- 可根据要求采用不同材质 (铸铁、不锈钢)。
- Concentric volute structure for a compact, high efficiency, lightweight, and easy installation and maintenance.
- High-quality bearing for minimal vibration and noise.
- Mechanical seals help prevent shaft damage or moisture intrusion for better durability.
- The impeller is designed using a hydraulic model for optimal dynamic-static balance and reliable performance.
- Easy operation with needle valve.
- Different materials are available upon request. (casting iron and stainless steel)

## 用途 Application

- 管道泵
- 暖通空调冷热水循环
- 工业、城市给水
- 高层建筑增压送水
- 消防给水
- 锅炉给水
- 农业灌溉用水
- In-line Pump
- Air-condition water circulation
- Industrial water and municipal water supply
- Pressure booster for tall buildings water supply
- Fire system water supply
- Feed water pump
- Agricultural irrigation

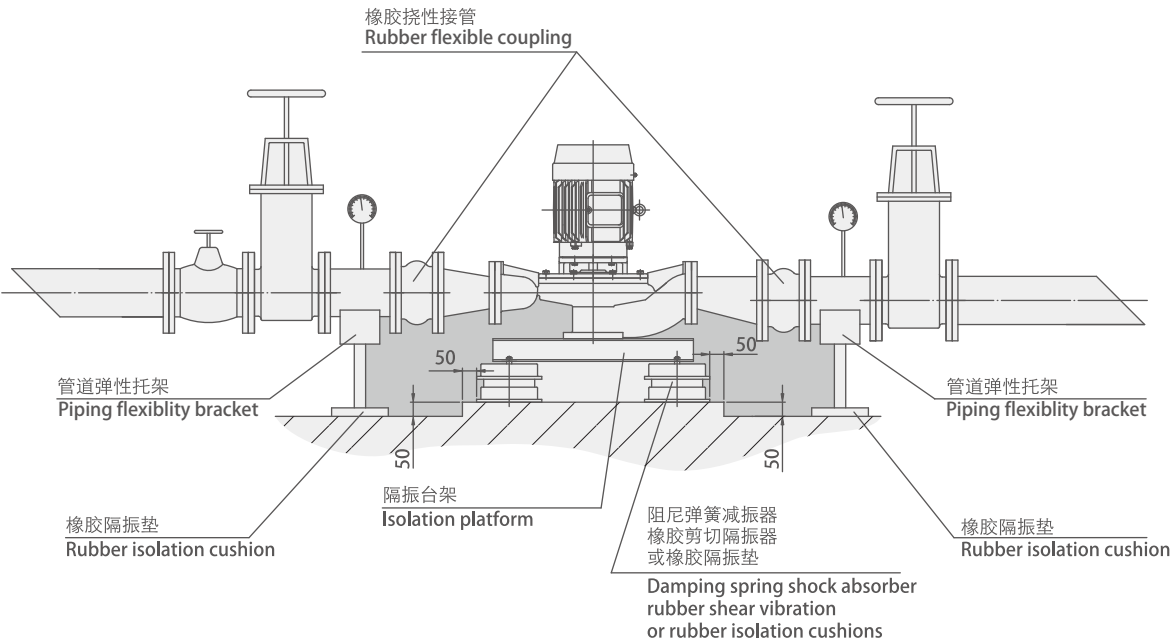
## 结构简图 Structure

| NO. | 名称         | Spare parts          | 材质        | Material  |
|-----|------------|----------------------|-----------|-----------|
|     |            |                      | GB        | JIS       |
| 1   | 电机 (国标MV1) | Motor                | -         | -         |
| 2   | 接板         | Connecting plate     | HT200     | FC200     |
| 3   | 中承座        | Bracket              | HT200     | FC200     |
| 4   | 后密封环       | Rear sealing ring    | 石墨(锡青铜)   | C(LBC2)   |
| 5   | 叶轮         | Impeller             | HT200     | FC200     |
| 6   | 泵体         | Pump casing          | HT200     | FC200     |
| 7   | 堵头         | Plug                 | Q235A     | SS400     |
| 8   | 前密封环       | Front sealing ring   | 石墨(锡青铜)   | C(LBC2)   |
| 9   | 叶轮螺母       | Impeller nut         | A2-70     | SUS304    |
| 10  | 键          | Key                  | 2Cr13     | SUS420    |
| 11  | O型圈        | O ring               | NBR       | NBR       |
| 12  | 机械密封       | Mechanical seal      | SiC-C/NBR | SiC-C/NBR |
| 13  | 针式排气阀      | Needle exhaust valve | 铜         | Cu        |
| 14  | 轴伸         | Shaft extension      | 2Cr13     | SUS420    |
| 15  | 轴套         | Shaft sleeve         | 45        | S45C      |

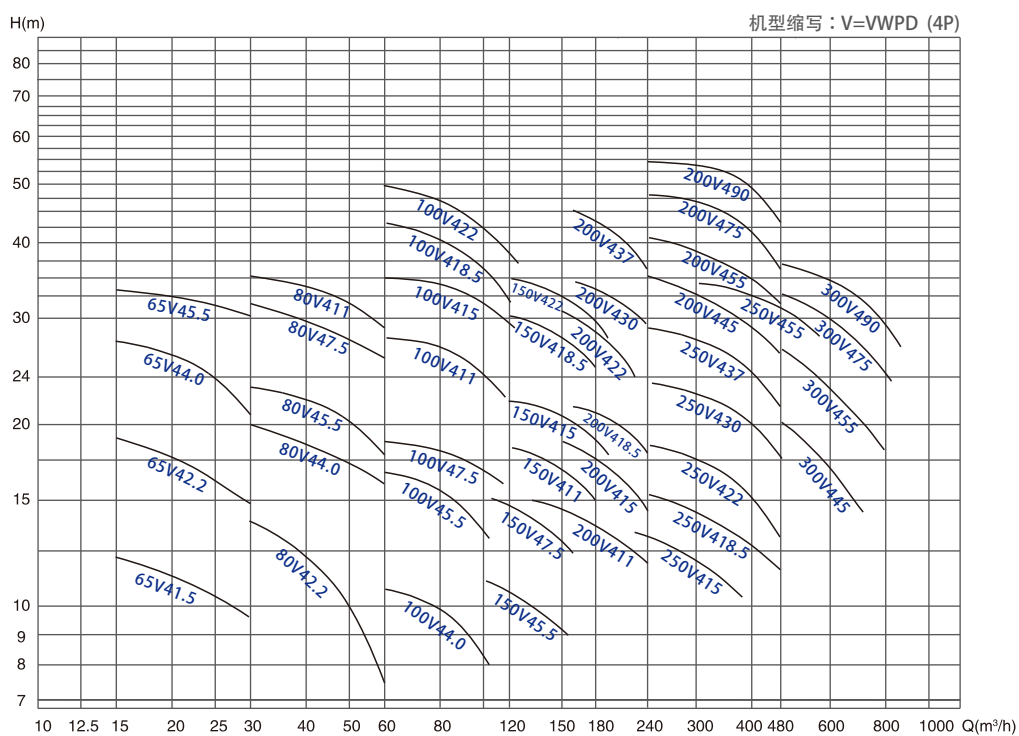
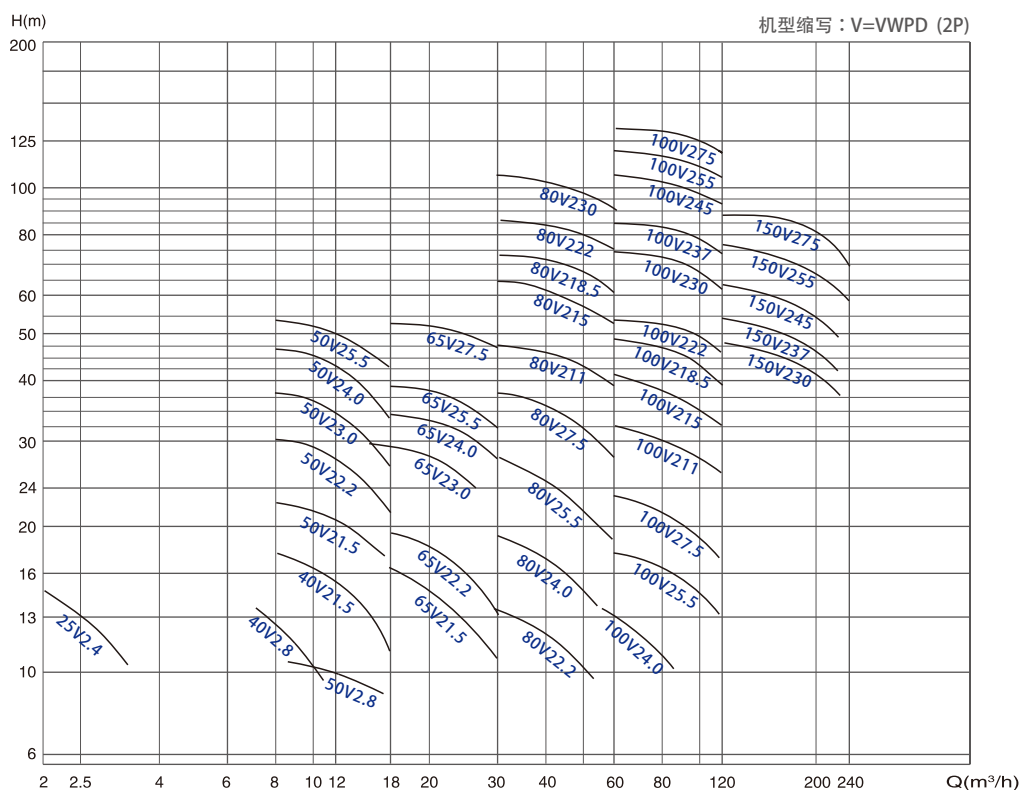


VVWD结构简图

## 安装示意图 Installation diagram



## 性能曲线 Performance cruves



## 性能规格表 Performance specs.

(2P)

| 型号<br>Model | 转速<br>Speed<br>(r/min) | 流量<br>Capacity<br>(m3/h) | 扬程<br>Head(m) | 效率<br>Eff(%) | 电动机功率<br>Motor power |      | 必须气蚀余量<br>Npshr(m) | 口径<br>Dia.(mm) | 重量<br>Weight(kg) |
|-------------|------------------------|--------------------------|---------------|--------------|----------------------|------|--------------------|----------------|------------------|
|             |                        |                          |               |              | hp                   | kW   |                    |                |                  |
| 25VWPD2.4   | 2900                   | 2.0                      | 15            | 30           | 0.5                  | 0.37 | 2.5                | 25             | 25               |
|             |                        | 2.5                      | 13            | 35           |                      |      | 2.5                |                |                  |
|             |                        | 3.0                      | 12            | 34           |                      |      | 3.0                |                |                  |
| 40VWPD2.8   | 2900                   | 7.2                      | 13            | 55           | 1                    | 0.75 | 2.5                | 40             | 31               |
|             |                        | 9                        | 11.5          | 60           |                      |      | 2.5                |                |                  |
|             |                        | 10.8                     | 10.5          | 58           |                      |      | 3.0                |                |                  |
| 40VWPD21.5  | 2900                   | 8.8                      | 17.5          | 57           | 2                    | 1.5  | 2.5                | 40             | 40               |
|             |                        | 11                       | 16            | 62           |                      |      | 2.5                |                |                  |
|             |                        | 13.2                     | 14            | 61           |                      |      | 3.0                |                |                  |
| 50VWPD2.8   | 2900                   | 9.4                      | 11            | 56           | 1                    | 0.75 | 2.5                | 50             | 35               |
|             |                        | 11.7                     | 10            | 60           |                      |      | 2.5                |                |                  |
|             |                        | 14                       | 9             | 59           |                      |      | 3.0                |                |                  |
| 50VWPD21.5  | 2900                   | 8.8                      | 21.5          | 56           | 2                    | 1.5  | 2.5                | 50             | 43               |
|             |                        | 12.5                     | 20            | 62           |                      |      | 2.5                |                |                  |
|             |                        | 16.3                     | 17.8          | 61           |                      |      | 3.0                |                |                  |
| 50VWPD22.2  | 2900                   | 9.4                      | 29.5          | 46           | 3                    | 2.2  | 2.5                | 50             | 52               |
|             |                        | 11.7                     | 28            | 54           |                      |      | 2.5                |                |                  |
|             |                        | 14                       | 25            | 53           |                      |      | 3.0                |                |                  |
| 50VWPD23.0  | 2900                   | 8                        | 38            | 45           | 4                    | 3    | 2.0                | 50             | 65               |
|             |                        | 10                       | 35            | 48           |                      |      | 2.0                |                |                  |
|             |                        | 13                       | 32            | 47           |                      |      | 2.5                |                |                  |
| 50VWPD24.0  | 2900                   | 9.4                      | 46            | 46           | 5                    | 4    | 2.5                | 50             | 72               |
|             |                        | 11.7                     | 44            | 50           |                      |      | 2.5                |                |                  |
|             |                        | 13                       | 40            | 49           |                      |      | 3.0                |                |                  |
| 50VWPD25.5  | 2900                   | 10                       | 52            | 46           | 7.5                  | 5.5  | 2.5                | 50             | 90               |
|             |                        | 12.5                     | 50            | 48           |                      |      | 2.5                |                |                  |
|             |                        | 15                       | 47            | 47           |                      |      | 3.0                |                |                  |
| 65VWPD21.5  | 2900                   | 16.8                     | 16.5          | 66           | 2                    | 1.5  | 2.5                | 65             | 45               |
|             |                        | 21                       | 15            | 71           |                      |      | 2.5                |                |                  |
|             |                        | 25.2                     | 13            | 70           |                      |      | 3.0                |                |                  |
| 65VWPD22.2  | 2900                   | 16                       | 20            | 67           | 3                    | 2.2  | 2.5                | 65             | 52               |
|             |                        | 22.3                     | 18            | 70           |                      |      | 2.5                |                |                  |
|             |                        | 29                       | 14            | 69           |                      |      | 3.0                |                |                  |
| 65VWPD23.0  | 2900                   | 15                       | 30            | 62           | 4                    | 3    | 2.0                | 65             | 66               |
|             |                        | 20                       | 28            | 65           |                      |      | 2.0                |                |                  |
|             |                        | 25                       | 25            | 64           |                      |      | 2.5                |                |                  |
| 65VWPD24.0  | 2900                   | 20                       | 34            | 63           | 5                    | 4    | 2.5                | 65             | 75               |
|             |                        | 25                       | 32            | 66           |                      |      | 2.5                |                |                  |
|             |                        | 30                       | 28            | 65           |                      |      | 3.0                |                |                  |
| 65VWPD25.5  | 2900                   | 17.4                     | 40.5          | 54           | 7.5                  | 5.5  | 2.5                | 65             | 90               |
|             |                        | 21.7                     | 38            | 60           |                      |      | 2.5                |                |                  |
|             |                        | 26                       | 34            | 56           |                      |      | 3.0                |                |                  |
| 65VWPD27.5  | 2900                   | 20                       | 51.5          | 57           | 10                   | 7.5  | 2.5                | 65             | 97               |
|             |                        | 25                       | 50            | 60           |                      |      | 2.5                |                |                  |
|             |                        | 30                       | 47            | 59           |                      |      | 3.0                |                |                  |
| 80VWPD22.2  | 2900                   | 32                       | 16            | 70           | 3                    | 2.2  | 2.5                | 80             | 65               |
|             |                        | 40                       | 12            | 73           |                      |      | 2.5                |                |                  |
|             |                        | 46                       | 10            | 66           |                      |      | 3.0                |                |                  |
| 80VWPD24.0  | 2900                   | 35.8                     | 18            | 72           | 5                    | 4    | 3.0                | 80             | 75               |
|             |                        | 44.7                     | 16            | 74           |                      |      | 3.0                |                |                  |
|             |                        | 53.6                     | 14            | 68           |                      |      | 3.5                |                |                  |
| 80VWPD25.5  | 2900                   | 34.6                     | 26            | 66           | 7.5                  | 5.5  | 3.0                | 80             | 103              |
|             |                        | 43.3                     | 24            | 72           |                      |      | 3.0                |                |                  |
|             |                        | 52                       | 21            | 70           |                      |      | 3.5                |                |                  |
| 80VWPD27.5  | 2900                   | 32                       | 38            | 60           | 10                   | 7.5  | 3.0                | 80             | 110              |
|             |                        | 40                       | 36            | 68           |                      |      | 3.0                |                |                  |
|             |                        | 48                       | 33            | 66           |                      |      | 3.5                |                |                  |
| 80VWPD211   | 2900                   | 37.4                     | 46.5          | 61           | 15                   | 11   | 3.0                | 80             | 150              |
|             |                        | 46.8                     | 44            | 68           |                      |      | 3.0                |                |                  |
|             |                        | 56.2                     | 41            | 66           |                      |      | 3.5                |                |                  |
| 80VWPD215   | 2900                   | 34.6                     | 64            | 58           | 20                   | 15   | 3.0                | 80             | 180              |
|             |                        | 43.3                     | 60            | 64           |                      |      | 3.0                |                |                  |
|             |                        | 52                       | 57            | 59           |                      |      | 3.5                |                |                  |
| 80VWPD218.5 | 2900                   | 37                       | 73.5          | 50           | 25                   | 18.5 | 3.0                | 80             | 202              |
|             |                        | 46.8                     | 70            | 62           |                      |      | 3.0                |                |                  |
|             |                        | 56                       | 65            | 60           |                      |      | 3.5                |                |                  |
| 80VWPD222   | 2900                   | 40                       | 84            | 54           | 30                   | 22   | 3.0                | 80             | 232              |
|             |                        | 50                       | 80            | 62           |                      |      | 3.0                |                |                  |
|             |                        | 60                       | 75            | 61           |                      |      | 3.5                |                |                  |

# 性能规格表 Performance specs.

(2P)

| 型号<br>Model  | 转速<br>Speed<br>(r/min) | 流量<br>Capacity<br>(m3/h) | 扬程<br>Head(m) | 效率<br>Eff(%) | 电动机功率<br>Motor power |      | 必须气蚀余量<br>Npshr(m) | 口径<br>Dia.(mm) | 重量<br>Weight(kg) |
|--------------|------------------------|--------------------------|---------------|--------------|----------------------|------|--------------------|----------------|------------------|
|              |                        |                          |               |              | hp                   | kW   |                    |                |                  |
| 80VWPD230    | 2900                   | 36.4                     | 108           | 54           | 40                   | 30   | 3.0                | 80             | 360              |
|              |                        | 45.4                     | 103           | 63           |                      |      | 3.0                |                |                  |
|              |                        | 54.5                     | 93            | 62           |                      |      | 3.5                |                |                  |
| 100VWPD24.0  | 2900                   | 56                       | 13.5          | 66           | 5                    | 4    | 4.0                | 100            | 80               |
|              |                        | 70                       | 12            | 74           |                      |      | 4.0                |                |                  |
|              |                        | 84                       | 10            | 72           |                      |      | 4.5                |                |                  |
| 100VWPD25.5  | 2900                   | 68                       | 17.5          | 68           | 7.5                  | 5.5  | 4.0                | 100            | 103              |
|              |                        | 85                       | 16            | 76           |                      |      | 4.0                |                |                  |
|              |                        | 102                      | 14            | 75           |                      |      | 4.5                |                |                  |
| 100VWPD27.5  | 2900                   | 72                       | 22.5          | 69           | 10                   | 7.5  | 4.0                | 100            | 102              |
|              |                        | 90                       | 20            | 77           |                      |      | 4.0                |                |                  |
|              |                        | 108                      | 18            | 75           |                      |      | 4.5                |                |                  |
| 100VWPD211   | 2900                   | 72                       | 31.5          | 71           | 15                   | 11   | 4.0                | 100            | 160              |
|              |                        | 90                       | 28            | 77           |                      |      | 4.0                |                |                  |
|              |                        | 108                      | 21            | 75           |                      |      | 4.5                |                |                  |
| 100VWPD215   | 2900                   | 69.2                     | 40            | 68           | 20                   | 15   | 4.0                | 100            | 187              |
|              |                        | 86.6                     | 38            | 75           |                      |      | 4.0                |                |                  |
|              |                        | 102                      | 34.5          | 72           |                      |      | 4.5                |                |                  |
| 100VWPD218.5 | 2900                   | 74.8                     | 46            | 68           | 25                   | 18.5 | 4.0                | 100            | 220              |
|              |                        | 93.5                     | 44            | 76           |                      |      | 4.0                |                |                  |
|              |                        | 112.2                    | 40            | 73           |                      |      | 4.5                |                |                  |
| 100VWPD222   | 2900                   | 80                       | 52.5          | 68           | 30                   | 22   | 4.0                | 100            | 276              |
|              |                        | 100                      | 50            | 75           |                      |      | 4.0                |                |                  |
|              |                        | 120                      | 46            | 74           |                      |      | 4.5                |                |                  |
| 100VWPD230   | 2900                   | 74.8                     | 74            | 65           | 40                   | 30   | 4.0                | 100            | 310              |
|              |                        | 93.5                     | 70            | 71           |                      |      | 4.0                |                |                  |
|              |                        | 112.2                    | 64            | 69           |                      |      | 4.5                |                |                  |
| 100VWPD237   | 2900                   | 80                       | 84            | 65           | 50                   | 37   | 4.0                | 100            | 390              |
|              |                        | 100                      | 80            | 70           |                      |      | 4.0                |                |                  |
|              |                        | 120                      | 72            | 69           |                      |      | 4.5                |                |                  |
| 100VWPD245   | 2900                   | 72                       | 105           | 54           | 60                   | 45   | 4.0                | 100            | 472              |
|              |                        | 90                       | 100           | 62           |                      |      | 4.0                |                |                  |
|              |                        | 108                      | 92            | 60           |                      |      | 4.5                |                |                  |
| 100VWPD255   | 2900                   | 76                       | 118           | 58           | 75                   | 55   | 4.0                | 100            | 565              |
|              |                        | 95.5                     | 114           | 64           |                      |      | 4.0                |                |                  |
|              |                        | 115                      | 102           | 63           |                      |      | 4.5                |                |                  |
| 100VWPD275   | 2900                   | 80                       | 130           | 59           | 100                  | 75   | 4.0                | 100            | 700              |
|              |                        | 100                      | 125           | 66           |                      |      | 4.0                |                |                  |
|              |                        | 120                      | 118           | 65           |                      |      | 4.5                |                |                  |
| 150VWPD230   | 2900                   | 144                      | 40            | 68           | 40                   | 30   | 3.0                | 150            | 395              |
|              |                        | 180                      | 43            | 77           |                      |      | 3.0                |                |                  |
|              |                        | 216                      | 35            | 74           |                      |      | 3.5                |                |                  |
| 150VWPD237   | 2900                   | 144                      | 51            | 69           | 50                   | 37   | 3.0                | 150            | 432              |
|              |                        | 180                      | 48            | 77           |                      |      | 3.0                |                |                  |
|              |                        | 216                      | 43.5          | 74           |                      |      | 4.0                |                |                  |
| 150VWPD245   | 2900                   | 144                      | 61            | 69           | 60                   | 45   | 4.5                | 150            | 472              |
|              |                        | 180                      | 58            | 77           |                      |      | 4.5                |                |                  |
|              |                        | 216                      | 52            | 74           |                      |      | 5.0                |                |                  |
| 150VWPD255   | 2900                   | 150                      | 76            | 70           | 75                   | 55   | 4.5                | 150            | 508              |
|              |                        | 187                      | 70            | 78           |                      |      | 4.5                |                |                  |
|              |                        | 224                      | 64            | 75           |                      |      | 5.0                |                |                  |
| 150VWPD275   | 2900                   | 160                      | 86            | 70           | 100                  | 75   | 4.5                | 150            | 772              |
|              |                        | 200                      | 80            | 78           |                      |      | 4.5                |                |                  |
|              |                        | 240                      | 72            | 76           |                      |      | 5.0                |                |                  |

# 性能规格表 Performance specs.

(4P)

| 型号<br>Model  | 转速<br>Speed<br>(r/min) | 流量<br>Capacity<br>(m3/h) | 扬程<br>Head(m) | 效率<br>Eff(%) | 电动机功率<br>Motor power |      | 必需气蚀余量<br>Npshr(m) | 口径<br>Dia.(mm) | 重量<br>Weight(kg) |
|--------------|------------------------|--------------------------|---------------|--------------|----------------------|------|--------------------|----------------|------------------|
|              |                        |                          |               |              | hp                   | kW   |                    |                |                  |
| 65VWPD41.5   | 1450                   | 18.7                     | 11.8          | 56           | 2                    | 1.5  | 3.0                | 65             | 72               |
|              |                        | 23.4                     | 11            | 65           |                      |      | 3.0                |                |                  |
|              |                        | 28                       | 10.2          | 62           |                      |      | 3.5                |                |                  |
| 65VWPD42.2   | 1450                   | 18.4                     | 18.3          | 53           | 3                    | 2.2  | 3.0                | 65             | 90               |
|              |                        | 23                       | 17            | 60           |                      |      | 3.0                |                |                  |
|              |                        | 27.6                     | 15.5          | 56           |                      |      | 3.5                |                |                  |
| 65VWPD44.0   | 1450                   | 17.6                     | 27            | 44           | 5                    | 4    | 3.0                | 65             | 112              |
|              |                        | 22                       | 25            | 53           |                      |      | 3.0                |                |                  |
|              |                        | 26.4                     | 22.5          | 51           |                      |      | 3.5                |                |                  |
| 65VWPD45.5   | 1450                   | 20                       | 33            | 48           | 7.5                  | 5.5  | 3.0                | 65             | 105              |
|              |                        | 25                       | 32            | 52           |                      |      | 3.0                |                |                  |
|              |                        | 30                       | 30.8          | 50           |                      |      | 3.5                |                |                  |
| 80VWPD42.2   | 1450                   | 32                       | 14            | 65           | 3                    | 2.2  | 3.0                | 80             | 112              |
|              |                        | 40                       | 12            | 70           |                      |      | 3.0                |                |                  |
|              |                        | 48                       | 9             | 68           |                      |      | 3.5                |                |                  |
| 80VWPD44.0   | 1450                   | 37                       | 18.7          | 60           | 5                    | 4    | 3.0                | 80             | 95               |
|              |                        | 46.7                     | 17            | 68           |                      |      | 3.0                |                |                  |
|              |                        | 56                       | 16.6          | 64           |                      |      | 3.5                |                |                  |
| 80VWPD45.5   | 1450                   | 40                       | 22            | 60           | 7.5                  | 5.5  | 3.0                | 80             | 125              |
|              |                        | 50                       | 20            | 69           |                      |      | 3.0                |                |                  |
|              |                        | 60                       | 18            | 65           |                      |      | 3.5                |                |                  |
| 80VWPD47.5   | 1450                   | 37                       | 30            | 56           | 10                   | 7.5  | 3.0                | 80             | 165              |
|              |                        | 46.7                     | 28            | 63           |                      |      | 3.0                |                |                  |
|              |                        | 56                       | 26.5          | 61           |                      |      | 3.5                |                |                  |
| 80VWPD411    | 1450                   | 40                       | 34.2          | 60           | 15                   | 11   | 3.0                | 80             | 198              |
|              |                        | 50                       | 32            | 63           |                      |      | 3.0                |                |                  |
|              |                        | 60                       | 29            | 62           |                      |      | 3.5                |                |                  |
| 100VWPD44.0  | 1450                   | 69.2                     | 10.5          | 66           | 5                    | 4    | 3.0                | 100            | 120              |
|              |                        | 86.5                     | 9.5           | 75           |                      |      | 3.0                |                |                  |
|              |                        | 103.8                    | 8             | 70           |                      |      | 3.5                |                |                  |
| 100VWPD45.5  | 1450                   | 69.2                     | 16.6          | 67           | 7.5                  | 5.5  | 3.0                | 100            | 145              |
|              |                        | 86.5                     | 15            | 75           |                      |      | 3.0                |                |                  |
|              |                        | 103.8                    | 13.2          | 72           |                      |      | 3.5                |                |                  |
| 100VWPD47.5  | 1450                   | 74.8                     | 18.5          | 69           | 10                   | 7.5  | 3.0                | 100            | 185              |
|              |                        | 93.5                     | 17.5          | 74           |                      |      | 3.0                |                |                  |
|              |                        | 112.2                    | 16            | 73           |                      |      | 3.5                |                |                  |
| 100VWPD411   | 1450                   | 72.6                     | 27.2          | 62           | 15                   | 11   | 3.0                | 100            | 260              |
|              |                        | 90.8                     | 25.8          | 71           |                      |      | 3.0                |                |                  |
|              |                        | 109                      | 22.8          | 68           |                      |      | 3.5                |                |                  |
| 100VWPD415   | 1450                   | 80                       | 34.5          | 67           | 20                   | 15   | 3.0                | 100            | 285              |
|              |                        | 100                      | 32            | 72           |                      |      | 3.0                |                |                  |
|              |                        | 120                      | 29            | 71           |                      |      | 3.5                |                |                  |
| 100VWPD418.5 | 1450                   | 72                       | 40            | 62           | 25                   | 18.5 | 2.5                | 100            | 340              |
|              |                        | 90                       | 38            | 68           |                      |      | 2.5                |                |                  |
|              |                        | 108                      | 35.5          | 65           |                      |      | 3.0                |                |                  |
| 100VWPD422   | 1450                   | 76                       | 47            | 60           | 30                   | 22   | 2.5                | 100            | 410              |
|              |                        | 95                       | 44            | 66           |                      |      | 2.5                |                |                  |
|              |                        | 114                      | 38            | 63           |                      |      | 3.0                |                |                  |
| 150VWPD45.5  | 1450                   | 108                      | 11            | 71           | 7.5                  | 5.5  | 3.0                | 150            | 202              |
|              |                        | 130                      | 10            | 77           |                      |      | 3.0                |                |                  |
|              |                        | 156                      | 9             | 74           |                      |      | 3.5                |                |                  |
| 150VWPD47.5  | 1450                   | 107                      | 15            | 71           | 10                   | 7.5  | 3.0                | 150            | 230              |
|              |                        | 134                      | 14            | 79           |                      |      | 3.0                |                |                  |
|              |                        | 160                      | 12.5          | 78           |                      |      | 3.5                |                |                  |
| 150VWPD411   | 1450                   | 120                      | 18.5          | 74           | 15                   | 11   | 3.0                | 150            | 272              |
|              |                        | 147                      | 17            | 79           |                      |      | 3.0                |                |                  |
|              |                        | 180                      | 15            | 78           |                      |      | 3.5                |                |                  |
| 150VWPD415   | 1450                   | 128                      | 21.5          | 75           | 20                   | 15   | 3.0                | 150            | 320              |
|              |                        | 160                      | 20            | 80           |                      |      | 3.0                |                |                  |
|              |                        | 192                      | 18            | 78           |                      |      | 3.5                |                |                  |
| 150VWPD418.5 | 1450                   | 120                      | 30            | 70           | 25                   | 18.5 | 3.0                | 150            | 338              |
|              |                        | 150                      | 28            | 78           |                      |      | 3.0                |                |                  |
|              |                        | 180                      | 25            | 75           |                      |      | 3.5                |                |                  |
| 150VWPD422   | 1450                   | 128                      | 34.8          | 70           | 30                   | 22   | 3.0                | 150            | 400              |
|              |                        | 160                      | 32            | 78           |                      |      | 3.0                |                |                  |
|              |                        | 192                      | 28            | 75           |                      |      | 3.5                |                |                  |
| 200VWPD411   | 1450                   | 133                      | 15            | 68           | 15                   | 11   | 3.0                | 200            | 285              |
|              |                        | 167                      | 14            | 78           |                      |      | 3.0                |                |                  |
|              |                        | 200                      | 13            | 75           |                      |      | 3.5                |                |                  |

## 性能规格表 Performance specs.

(4P)

| 型号<br>Model  | 转速<br>Speed<br>(r/min) | 流量<br>Capacity<br>(m3/h) | 扬程<br>Head(m) | 效率<br>Eff(%) | 电动机功率<br>Motor power |      | 必须气蚀余量<br>Npshr(m) | 口径<br>Dia.(mm) | 重量<br>Weight(kg) |
|--------------|------------------------|--------------------------|---------------|--------------|----------------------|------|--------------------|----------------|------------------|
|              |                        |                          |               |              | hp                   | kW   |                    |                |                  |
| 200VWPD415   | 1450                   | 148                      | 19            | 72           | 20                   | 15   | 3.0                | 200            | 325              |
|              |                        | 185                      | 17            | 78           |                      |      | 3.0                |                |                  |
|              |                        | 222                      | 15            | 77           |                      |      | 3.5                |                |                  |
| 200VWPD418.5 | 1450                   | 160                      | 21.5          | 72           | 25                   | 18.5 | 3.0                | 200            | 350              |
|              |                        | 200                      | 20            | 78           |                      |      | 3.0                |                |                  |
|              |                        | 240                      | 18            | 76           |                      |      | 3.5                |                |                  |
| 200VWPD422   | 1450                   | 148                      | 31            | 72           | 30                   | 22   | 3.5                | 200            | 420              |
|              |                        | 185                      | 28            | 78           |                      |      | 3.5                |                |                  |
|              |                        | 222                      | 24            | 77           |                      |      | 4.0                |                |                  |
| 200VWPD430   | 1450                   | 160                      | 34.6          | 72           | 40                   | 30   | 3.5                | 200            | 490              |
|              |                        | 200                      | 32            | 79           |                      |      | 3.5                |                |                  |
|              |                        | 240                      | 30            | 78           |                      |      | 4.0                |                |                  |
| 200VWPD437   | 1450                   | 176                      | 43            | 70           | 50                   | 37   | 3.0                | 200            | 505              |
|              |                        | 200                      | 40            | 76           |                      |      | 3.5                |                |                  |
|              |                        | 264                      | 36            | 72           |                      |      | 4.0                |                |                  |
| 200VWPD445   | 1450                   | 256                      | 35            | 73           | 60                   | 45   | 4.0                | 200            | 515              |
|              |                        | 320                      | 32            | 79           |                      |      | 4.0                |                |                  |
|              |                        | 384                      | 29            | 78           |                      |      | 4.5                |                |                  |
| 200VWPD455   | 1450                   | 276                      | 40            | 71           | 75                   | 55   | 4.0                | 200            | 585              |
|              |                        | 346                      | 38            | 78           |                      |      | 4.0                |                |                  |
|              |                        | 415                      | 36            | 77           |                      |      | 4.5                |                |                  |
| 200VWPD475   | 1450                   | 258                      | 48            | 75           | 100                  | 75   | 4.0                | 200            | 790              |
|              |                        | 374                      | 44            | 79           |                      |      | 4.0                |                |                  |
|              |                        | 430                      | 38            | 77           |                      |      | 4.5                |                |                  |
| 200VWPD490   | 1450                   | 240                      | 55            | 74           | 125                  | 90   | 4.0                | 200            | 812              |
|              |                        | 400                      | 50            | 81           |                      |      | 4.0                |                |                  |
|              |                        | 460                      | 45            | 76           |                      |      | 4.5                |                |                  |
| 250VWPD415   | 1450                   | 240                      | 13            | 73           | 20                   | 15   | 3.3                | 250            | 340              |
|              |                        | 300                      | 12            | 77           |                      |      | 3.5                |                |                  |
|              |                        | 360                      | 10            | 75           |                      |      | 3.6                |                |                  |
| 250VWPD418.5 | 1450                   | 264                      | 15            | 73           | 25                   | 18.5 | 4.5                | 250            | 385              |
|              |                        | 330                      | 14            | 78           |                      |      | 5.0                |                |                  |
|              |                        | 396                      | 13            | 76           |                      |      | 5.5                |                |                  |
| 250VWPD422   | 1450                   | 288                      | 18            | 73           | 30                   | 22   | 5.0                | 250            | 437              |
|              |                        | 360                      | 16            | 80           |                      |      | 5.0                |                |                  |
|              |                        | 432                      | 14            | 78           |                      |      | 5.0                |                |                  |
| 250VWPD430   | 1450                   | 320                      | 22            | 74           | 40                   | 30   | 5.0                | 250            | 508              |
|              |                        | 400                      | 20            | 80           |                      |      | 5.0                |                |                  |
|              |                        | 480                      | 17            | 79           |                      |      | 5.0                |                |                  |
| 250VWPD437   | 1450                   | 304                      | 28            | 72           | 50                   | 37   | 5.0                | 250            | 530              |
|              |                        | 380                      | 26            | 80           |                      |      | 5.0                |                |                  |
|              |                        | 456                      | 22            | 78           |                      |      | 5.5                |                |                  |
| 250VWPD445   | 1450                   | 320                      | 31            | 72           | 60                   | 45   | 3.5                | 250            | 592              |
|              |                        | 400                      | 28            | 80           |                      |      | 4.0                |                |                  |
|              |                        | 480                      | 24            | 78           |                      |      | 5.0                |                |                  |
| 250VWPD455   | 1450                   | 320                      | 34.5          | 75           | 75                   | 55   | 5.0                | 250            | 630              |
|              |                        | 400                      | 32            | 81           |                      |      | 5.5                |                |                  |
|              |                        | 480                      | 28.5          | 79           |                      |      | 6.0                |                |                  |
| 300VWPD445   | 1450                   | 500                      | 19.5          | 75           | 60                   | 45   | 5.0                | 300            | 752              |
|              |                        | 600                      | 17            | 80           |                      |      | 5.0                |                |                  |
|              |                        | 700                      | 15            | 78           |                      |      | 5.5                |                |                  |
| 300VWPD455   | 1450                   | 480                      | 26            | 73           | 75                   | 55   | 5.0                | 300            | 797              |
|              |                        | 600                      | 24            | 79           |                      |      | 5.0                |                |                  |
|              |                        | 720                      | 20            | 78           |                      |      | 5.5                |                |                  |
| 300VWPD475   | 1450                   | 528                      | 31            | 76           | 100                  | 75   | 5.0                | 300            | 1050             |
|              |                        | 660                      | 28            | 83           |                      |      | 5.0                |                |                  |
|              |                        | 792                      | 25.5          | 80           |                      |      | 5.5                |                |                  |
| 300VWPD490   | 1450                   | 576                      | 34            | 78           | 125                  | 90   | 5.0                | 300            | 1200             |
|              |                        | 720                      | 32            | 83           |                      |      | 5.0                |                |                  |
|              |                        | 864                      | 27            | 81           |                      |      | 5.5                |                |                  |



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