

# Axial Piston High Pressure Pump For Tap Water

## HPR/H 8~12.5



Manufacturer By: SHANGHAI THINKTANK PROCESS MANAGEMENT CO., LTD

THINKTANK

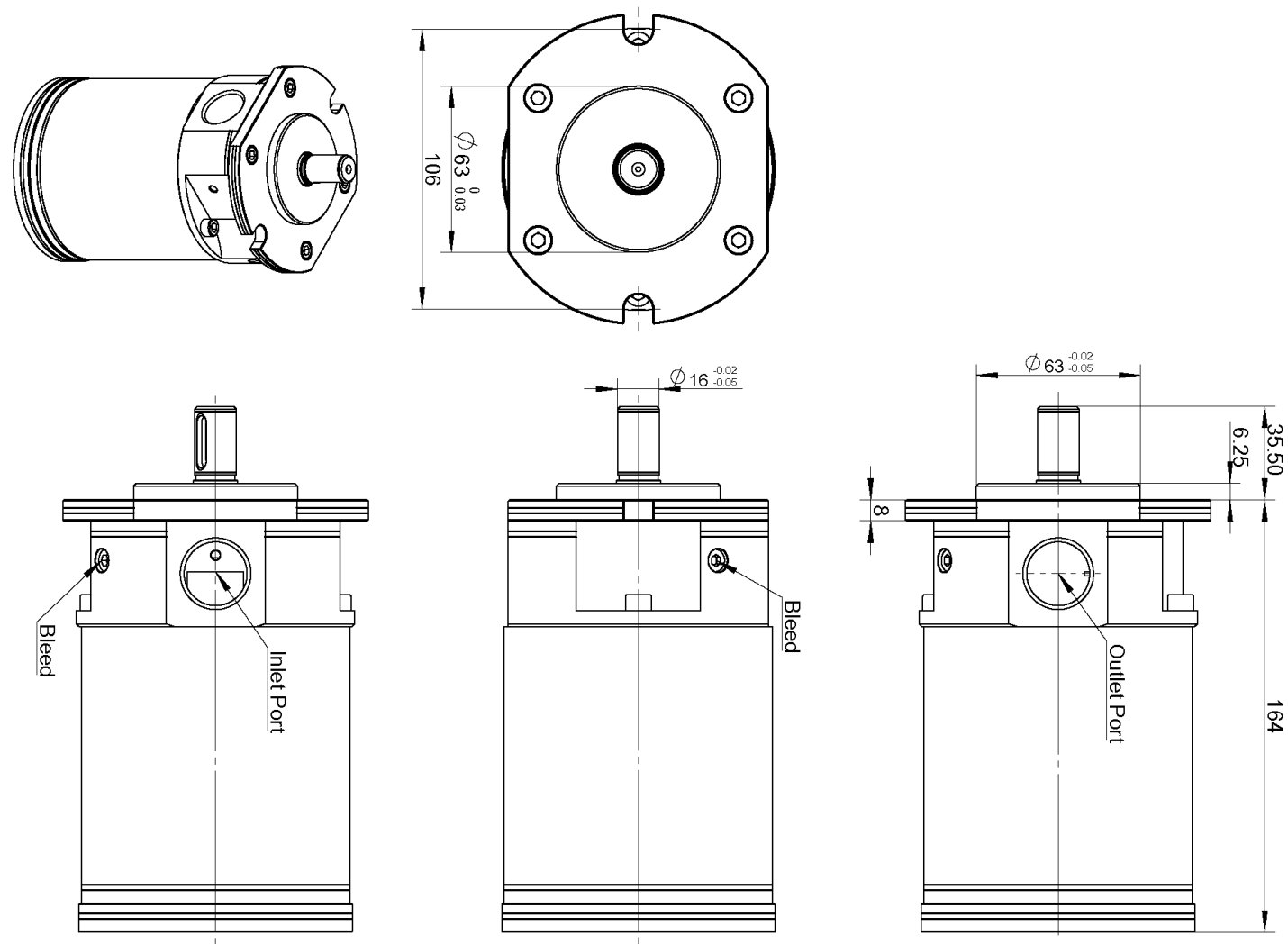


# Specification 8~12.5

|                                         |                      |      |      |      |
|-----------------------------------------|----------------------|------|------|------|
| Pumps Model                             | 8                    | 10   | 11.5 | 12.5 |
| Displacement (cc/rev)                   | 8                    | 10   | 11.5 | 12.5 |
| Housing Material                        | ASTM 304 / ASTM 316L |      |      |      |
| Min. Outlet Pressure ( barg )           | 30                   |      |      |      |
| Max. Outlet Pressure ( barg )           | 160                  |      |      |      |
| Inlet Pressure,Continuous ( barg )      | 0.1-5                |      |      |      |
| Min. Speed,Continuous (rpm)             | 700                  |      |      |      |
| Max. Speed (rpm)                        | 3000                 | 3000 | 3000 | 3000 |
| Flow Rate (L/min) (16Mpa,700 rpm)       | 5                    | 6.3  | 7.2  | 7.9  |
| Flow Rate (L/min) (16Mpa,1000 rpm)      | 7.2                  | 9.1  | 10.4 | 11.4 |
| Flow Rate (L/min) (16Mpa,1500 rpm)      | 11.0                 | 13.8 | 15.8 | 17.3 |
| Flow Rate (L/min) (16Mpa,2000 rpm)      | 14.8                 | 18.6 | 21.4 | 23.3 |
| Flow Rate (L/min) (16Mpa,3000 rpm)      | 22.8                 | 28.5 | 32.8 | 35.6 |
| Power Consumption (KW) (16Mpa,1500 rpm) | 3.4                  | 4.2  | 4.9  | 5.3  |
| Min. Media Temperature (°C)             | 2                    |      |      |      |
| Max. Media Temperature (°C)             | 50                   |      |      |      |
| Sound Pressure Level (dB) *             | 76                   | 76   | 76   | 76   |
| Weight (kg)                             | 8.6                  | 8.6  | 8.6  | 8.6  |
| Integrated Flush Valve                  | YES                  |      |      |      |

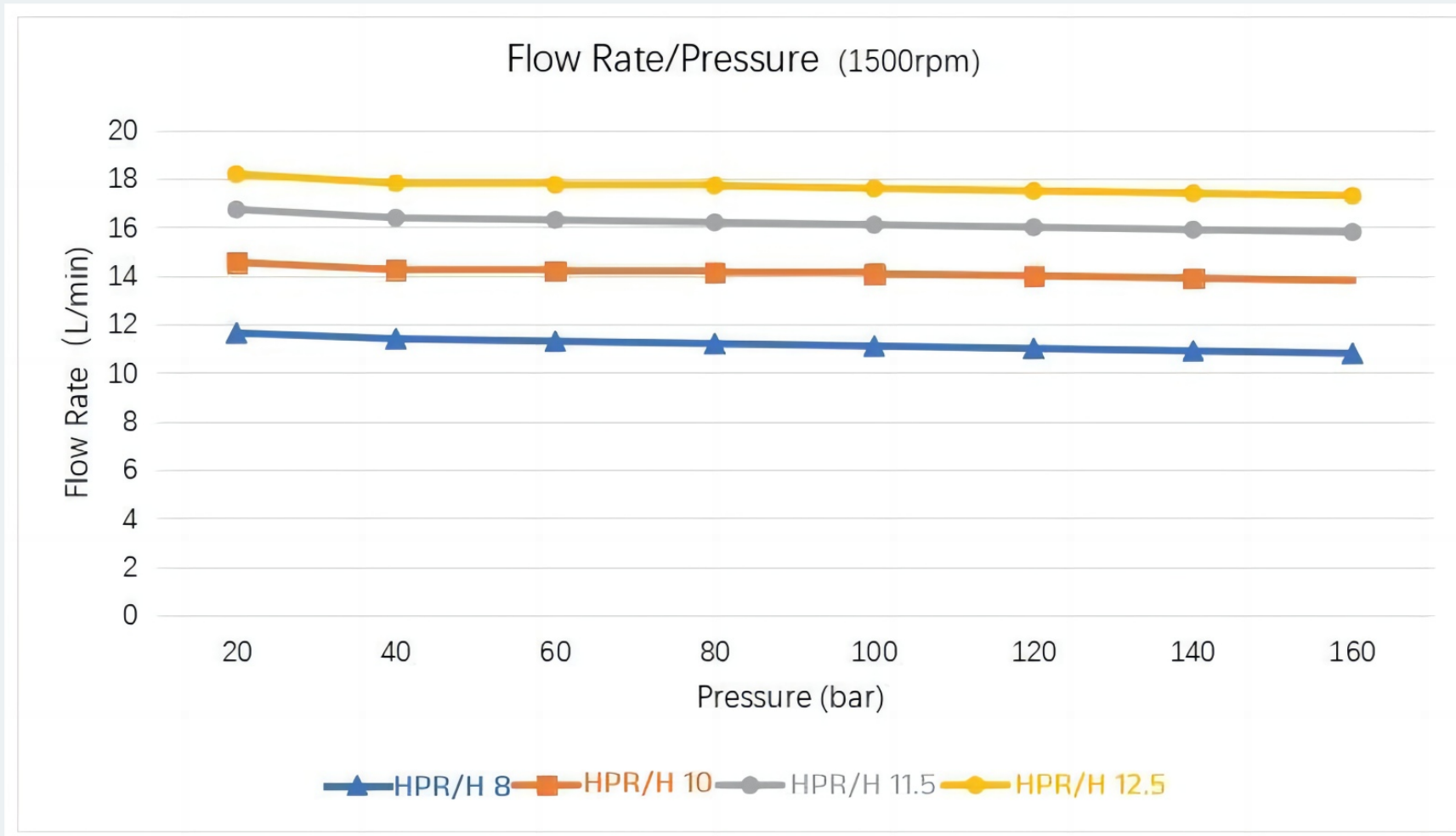
\* Sound Pressure Level: Calculated according to EN ISO 3744: 2010 / dB(A) [LPA, 1m], when driven by a motor and operating at maximum working pressure and speed.

# Installation Dimensions (HPR/H 8~12.5)



|              |                  |
|--------------|------------------|
| Parallel key | 5*5*20 (DIN6885) |
| Bleed        | M5*12            |
| Inlet Port   | G 3/4" (T Port)  |
| Outlet Port  | G 3/4" (P Port)  |

## HPR/H 8~12.5 Flow Rate/Pressure Curve



## HPR/H 8~12.5 Flow Rate/Speed Curve

