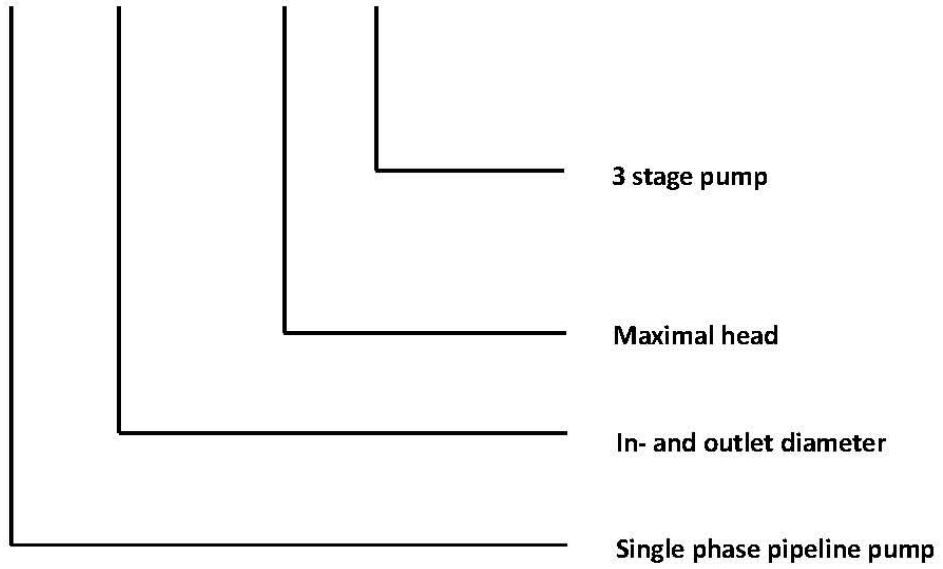
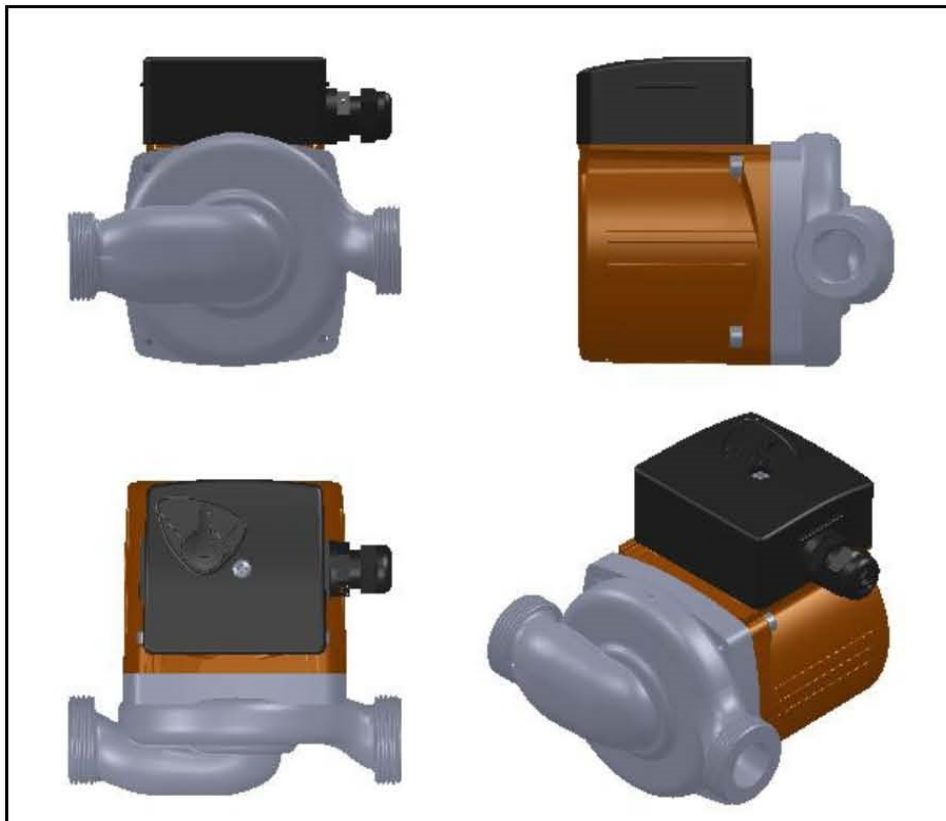


1.Pump model

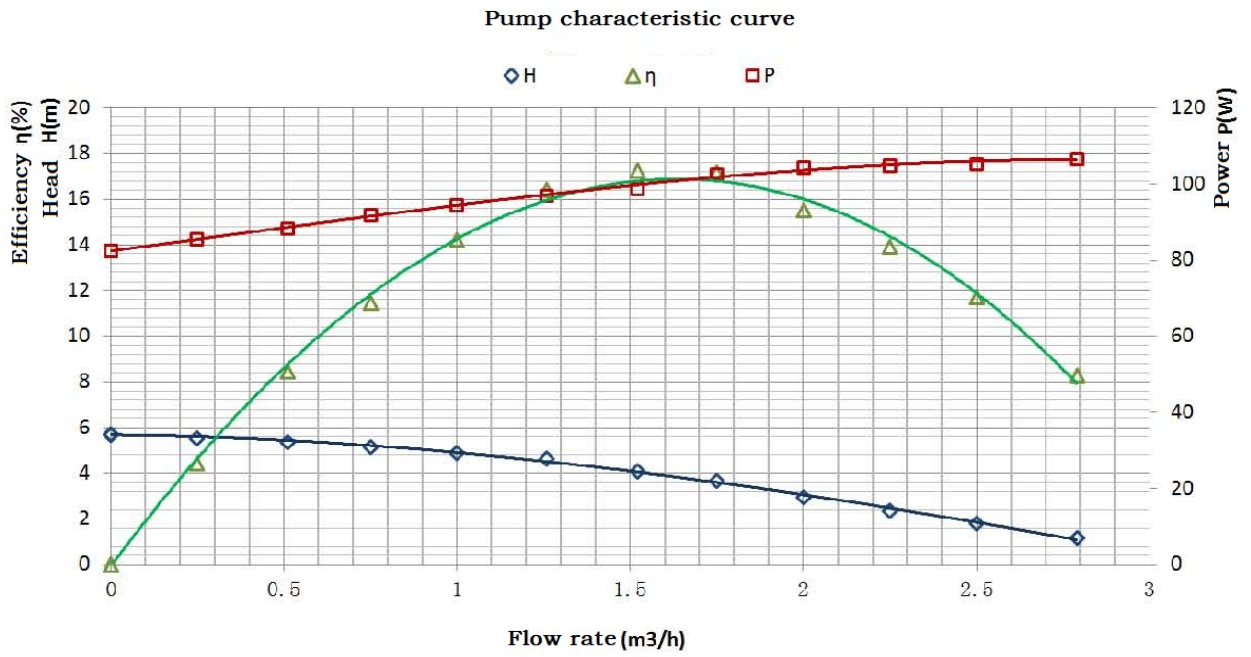
GPD 20 – 6 S



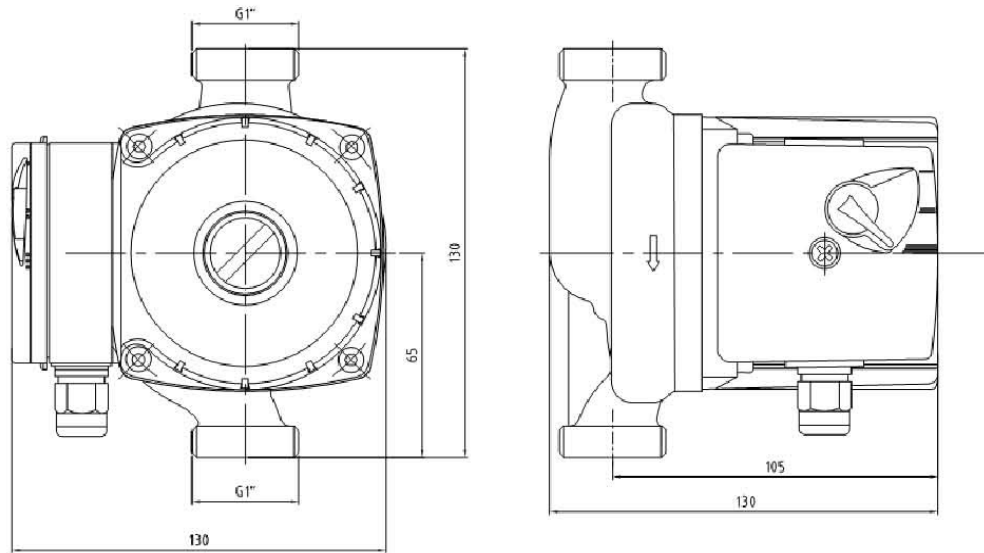
2.Pump photo



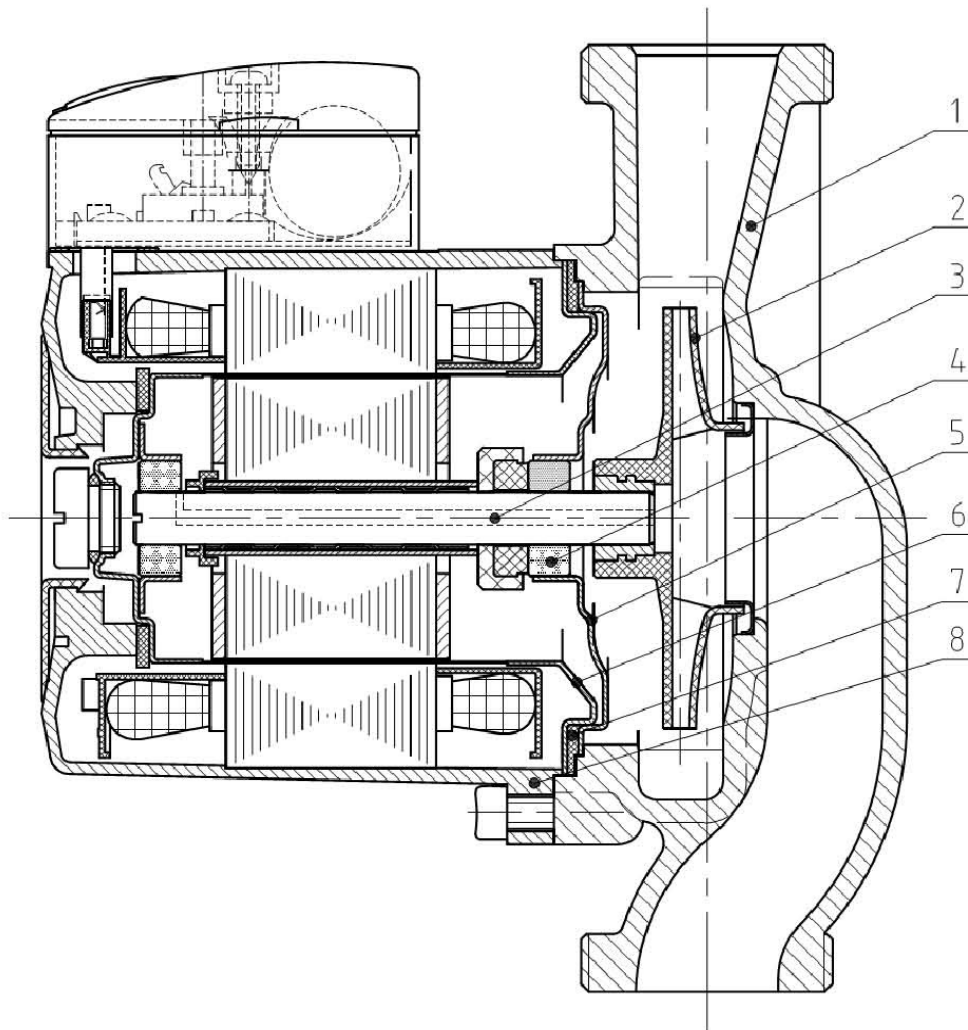
3.GPD20-6S curves



4.Installation dimension



5.Assembly drawing



6. Full test on production line

6.1 Motor workshop

6.1.1 Motor inter-turn impact test

6.1.2 Motor insulation resistance test

6.1.3 Motor ground resistance test

6.1.4 Motor winding DC resistance detection

7.2 Metal processing workshop

7.2.1 Rotor dynamic imbalance test

8.3 Assembly workshop

8.3.1 Motor inter-turn impact test

8.3.2 Pumping machine air tightness test

8.3.3 Pump grounding resistance test

8.3.4 Pump insulation resistance test

8.3.5 Pump withstand voltage leakage current detection

8.3.6 Pump leakage current test

8.3.7 Pump low voltage start test

8.3.8 Pump power no-load power test

8.3.9 Pumping machine no-load current test

9. Pump test in labor

9.1 Corrosion resistance test of motor casing surface

9.2 High and low temperature performance testing of pumping machine

9.3 Pump exhaust performance test

9.4 Pump surfing endurance test

9.5 Pump wear test

9.6 Pump failure performance test

10. Characteristics

10.1 Low noise

10.2 No leakage

10.3 Automatic airventing

10.4 Environmentally friendly, beautiful appearance, easy installation and reliable operation

11. Usage

13.1 Wall hung gas boiler

12. Working conditions

12.1 Power supply: 115V, 60Hz, single phase power

12.2 Max. System pressure: $\leq 1.0\text{MPa}$

12.3 Insulation class: H

12.4 Protection class: IP44

12.5 Environment temperature: $0^{\circ}\text{C}\sim 40^{\circ}\text{C}$

12.6 Liquid temperature: $2^{\circ}\text{C}\sim 95^{\circ}\text{C}$

12.7 Environment temperature should be always lower than liquid temperature. Otherwise there will be condensation water inside the stator, which causes the motor burning.

12.8 Transmission liquid: Thin, clean, non-corrosive and non-explosive liquid, free of any solid particles, fiber or mineral oil. It must not be used to transmit flammable liquids such as diesel and gasoline. If the circulation pump is used for high viscosity, the hydraulic performance of the pump will be reduced. Therefore, while selecting a pump, the viscosity of the liquid medium to be transported must be considered

Note:

This specification is issued by Hefei Xihu Canned Motor Pump Co., Ltd.