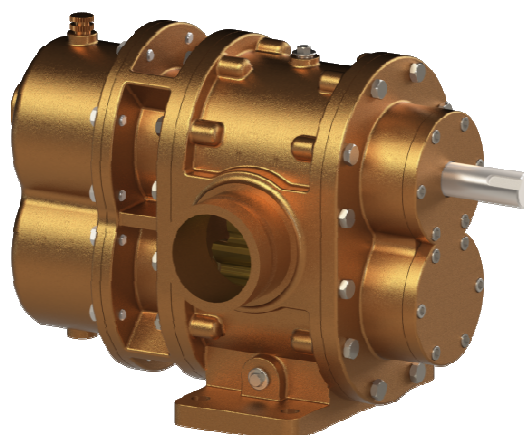


G6 Foam Pump



G6 foam pump is driven by timing gears, working gear does not contact. It is Self Priming and can pump multiple viscosities foam or water. The design is suitable for Electric, Diesel/Gasoline engine, water driven or hydraulic drive motors.



Technical Data:

Flow Rate: See Performance Chart /Curve
 Max Pressure: 2.1MPa | 21bar
 Max Speed of Revolution: 1800RPM
 Viscosity: 1-6000cps*
 Connection Diameter: DN40
 Connection : Groove 、 Thread 、 Flange(See Mount Dimension)
 Certificate: Please Consult SureX Fire

*Rotor type flowmeter,No.4 Rotor,30RPM

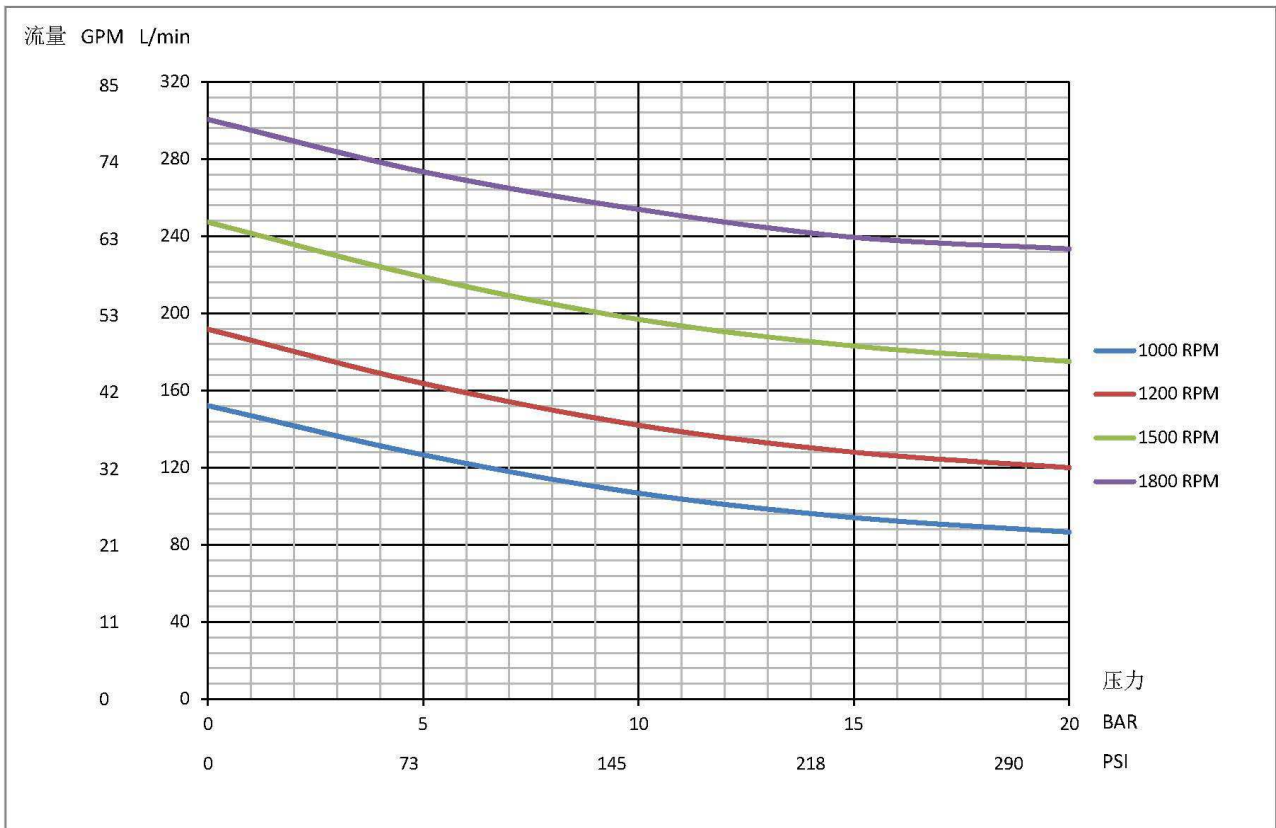
Materials of Constructions:

Pump body: Red Brass, ASTM B584 C83600
 Rotor: Stainless Steel 17-4PH
 Red Brass, ASTM B584 C83600
 Liners: Red Brass, ASTM B584 C83600
 Front Cover: Red Brass, ASTM B584 C83600
 Back Cover: Red Brass ASTM B584 C83600
 Timing Gear: Alloy Steel 20CrMnTi (ASTM A29M
 Lip Seal : Fluorine Rubber FPM

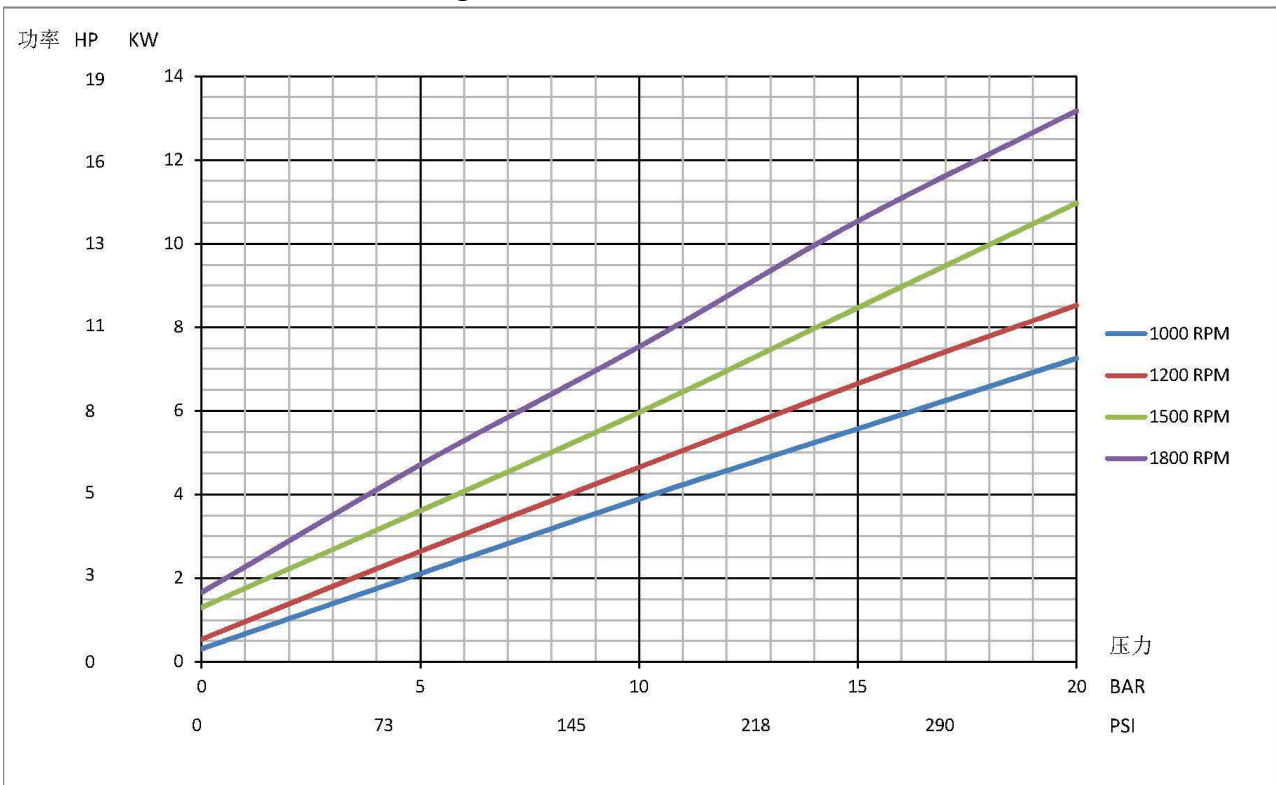
Performance

| Surex Foam Pump | | 1000rpm | | | 1200rpm | | | 1500rpm | | | 1800rpm | | |
|-----------------|----------|---------|-------|--------|---------|-------|--------|---------|-------|--------|---------|-------|--------|
| Model | Pressure | Flow | Power | Torque | Flow | Power | Torque | Flow | Power | Torque | Flow | Power | Torque |
| | PSI | GPM | HP | LB-FT | GPM | HP | LB-FT | GPM | HP | LB-FT | GPM | HP | LB-FT |
| G6 | 0 | 40 | 0.4 | 2 | 51 | 0.7 | 3 | 65 | 1.8 | 6 | 79 | 2.3 | 7 |
| | 73 | 33 | 4 | 15 | 43 | 4 | 16 | 58 | 5 | 17 | 72 | 6 | 18 |
| | 145 | 28 | 6 | 27 | 38 | 6 | 27 | 52 | 8 | 28 | 67 | 10 | 30 |
| | 218 | 25 | 8 | 39 | 34 | 9 | 39 | 48 | 11 | 40 | 63 | 14 | 41 |
| | 20 | 87 | 8 | 69 | 120 | 9 | 68 | 175 | 11 | 70 | 233 | 14 | 70 |

G6 with water - Flow vs. Discharge Pressure Curve



G6 with water - Power vs. Discharge Pressure Curve



G6 Foam Pump



G6 Foam Pump Mount Dimension

