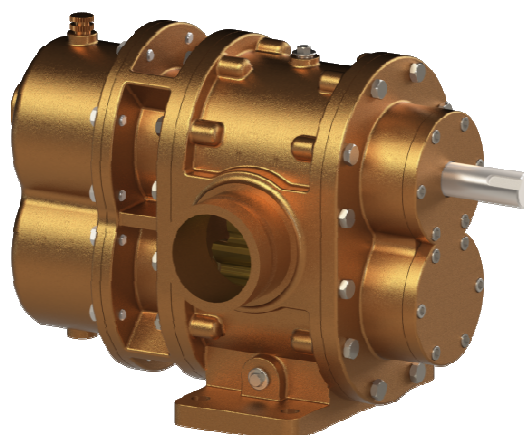


G7 Foam Pump



G7 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: DN50
- 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

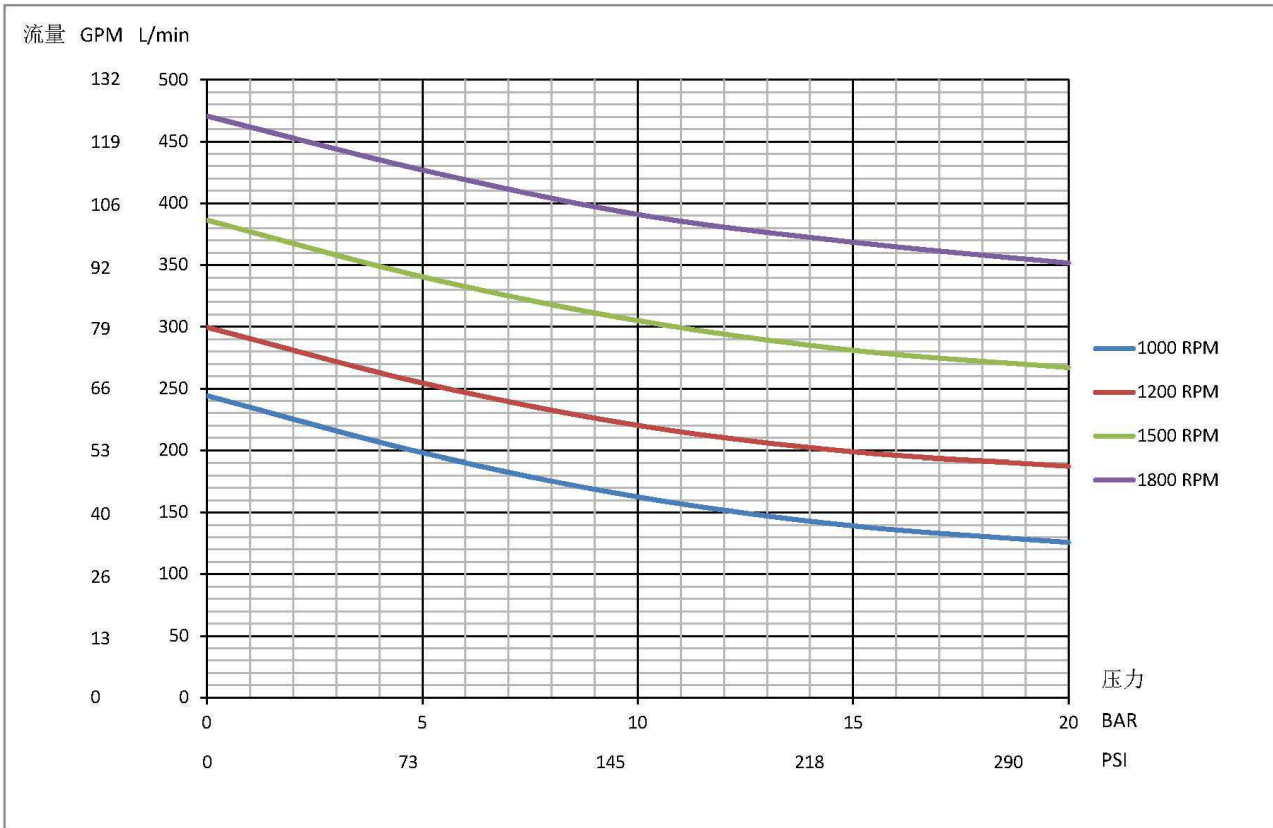
Performance

| 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 |
| G7 | 0 | 65 | 0.5 | 3 | 79 | 1.5 | 7 | 102 | 2 | 8 | 124 | 3 | 10 |
| | 73 | 52 | 5 | 23 | 67 | 6 | 24 | 90 | 8 | 26 | 113 | 10 | 29 |
| | 145 | 43 | 8 | 42 | 58 | 10 | 43 | 81 | 13 | 45 | 103 | 16 | 47 |
| | 218 | 37 | 12 | 61 | 53 | 14 | 61 | 74 | 18 | 62 | 97 | 22 | 65 |
| | 290 | 33 | 15 | 79 | 50 | 18 | 80 | 71 | 23 | 80 | 93 | 28 | 82 |

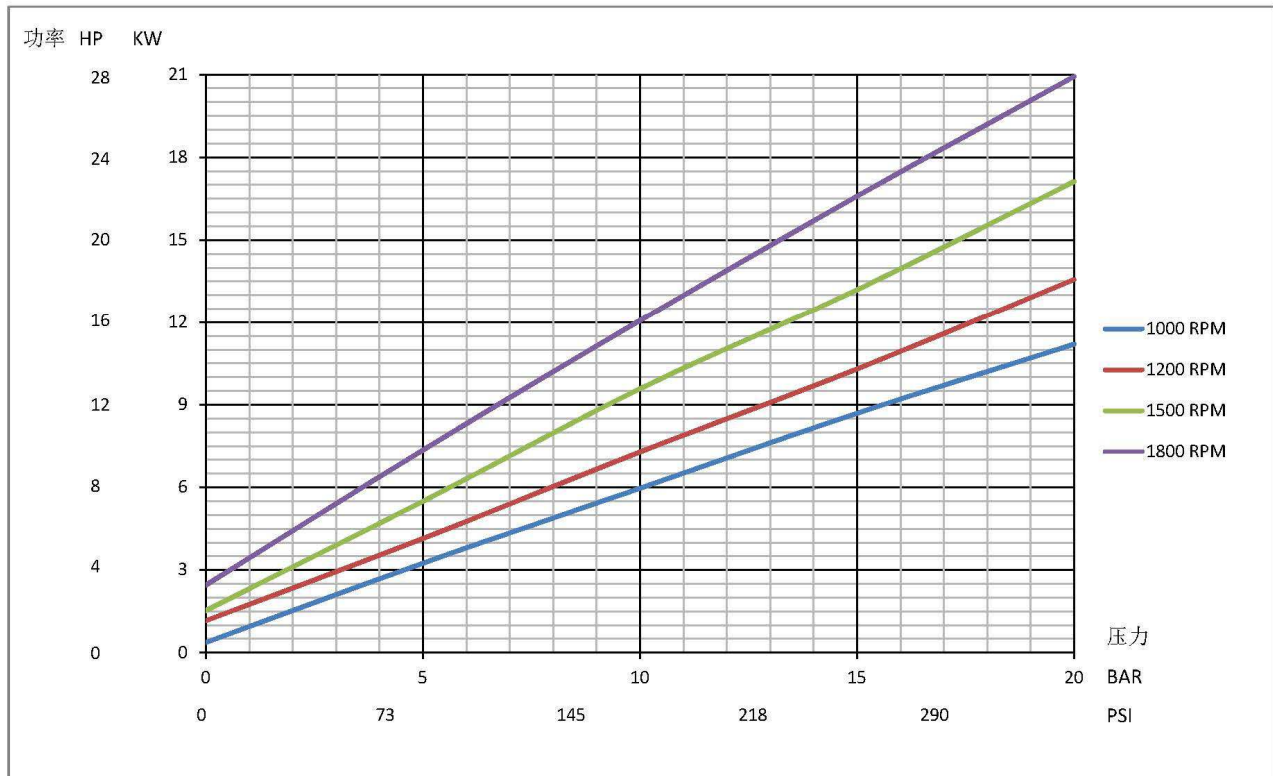
G7 Foam Pump



G7 with water - Flow vs. Discharge Pressure Curve



G7 with water - Power vs. Discharge Pressure Curve



G7 Foam Pump



G7 Foam Pump Mount Dimension

