



- ©304 stainless steel pump sleeve, both ends machining at same time, high concentricity;
- ©Pump seat, coupling, inlet all apply electrophoresis treatment, anti-rust;
- ©Plastic DYNAMIC LOGO fan cover, anti-rust, easy maintenance, highly anti-dropping ability;
- ©Stainless steel shaft, anti-corrosion;
- ©F insulation class, high overload resistance ability;
- ©Applying seal type bearing with automobile structure, 10 thousand times start-stop, high reliability;
- ©Small flow, high head, low noise.

GKS Self-Priming Jet Pump

Performance Range

- ◆ Max. Flow: 6m³/h
- ◆ Max. Head: 48m

Application Limits

- ◆ Suction head up to 9m
- ◆ Liquid temperature up to +40
- ◆ Ambient temperature up to +40
- ◆ Max. Working pressure: 6bar
- ◆ Voltage fluctuation should not exceed 10% of rated value.
- ◆ pH: 6.5 to 8.5

Application Fields

- ◆ Suitable for transferring water without abrasive particles or other liquid whose properties are similar to water.
- ◆ Widely used in well water lifting, garden irrigation, vegetable greenhouse water supply, breeding industry water supply and drainage, pipeline boosting, etc.

Features

- ◆ 304 stainless steel pressed tensile pump body & pump cover
- ◆ Hydraulic optimization design, excellent performance
- ◆ Nozzle, guide vane and the impeller PPO engineering plastics
- ◆ Products are complete in specifications, meet drinking water standards.

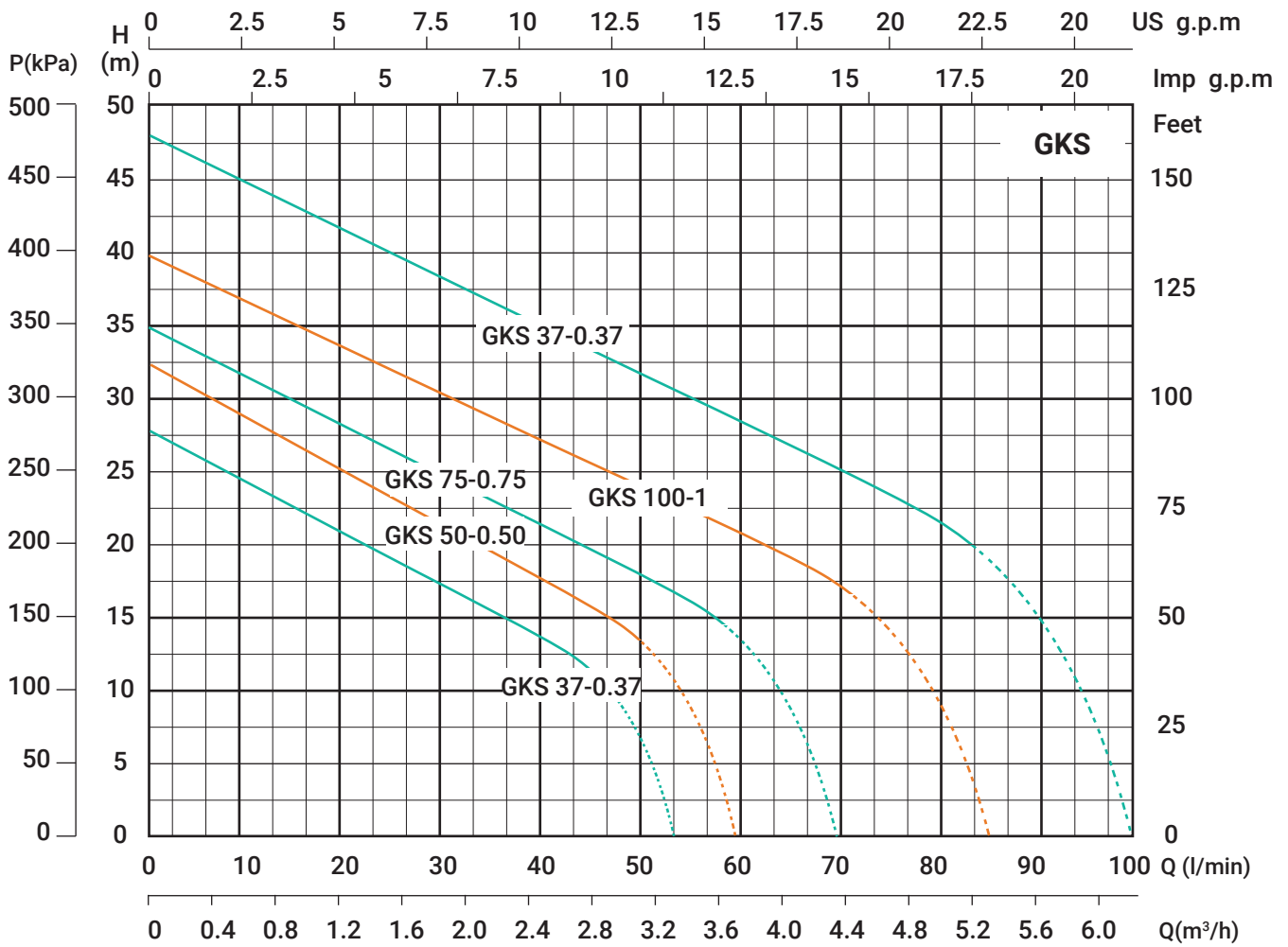
Motor

- ◆ Single-Phase 220V/50Hz
- ◆ Three-Phase 380V/50Hz
- ◆ Motor: 2 pole asynchronous motor, copper wires, built-in thermal protector, fully closed fan cooling, continuous running.
- ◆ Protection: IP44
- ◆ Insulation: Class B

Optional Available On Request

- ◆ NSK bearing
- ◆ Motor whose insulation class is F
- ◆ Other voltage or frequency is 60Hz

Performance Curve



| Model | Power | | Max. Flow (m ³ /h) | Max. Head (m) | Max. Suction (m) | Capacity (m ³ /h) | 0.4 | 1.2 | 2 | 2.8 | 3.6 | 4.4 |
|--------------|-------|------|----------------------------------|------------------|---------------------|---------------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| | KW | HP | | | | | (m ³ /h) | (m ³ /h) | (m ³ /h) | (m ³ /h) | (m ³ /h) | (m ³ /h) |
| Single Phase | | | | | | | | | | | | |
| GKS37-0.37 | 0.25 | 0.37 | 3.2 | 28 | 8 | Head (m) | 25 | 19 | 13 | 7 | | |
| GKS50-0.50 | 0.37 | 0.5 | 3.6 | 32 | 8 | | 28 | 22 | 17 | 11 | | |
| GKS75-0.75 | 0.55 | 0.75 | 4.2 | 35 | 9 | | 32 | 27 | 22 | 16 | 12 | |
| GKS100-1 | 0.75 | 1 | 5.1 | 40 | 9 | | 37 | 33 | 28 | 23 | 18 | 13 |
| GKS110-1.1 | 1.1 | 1.5 | 6 | 48 | 9 | | 46 | 42 | 37 | 32 | 28 | 23 |

