

SHLP 12 Horizontal Multistage Pumps

Performance Curves



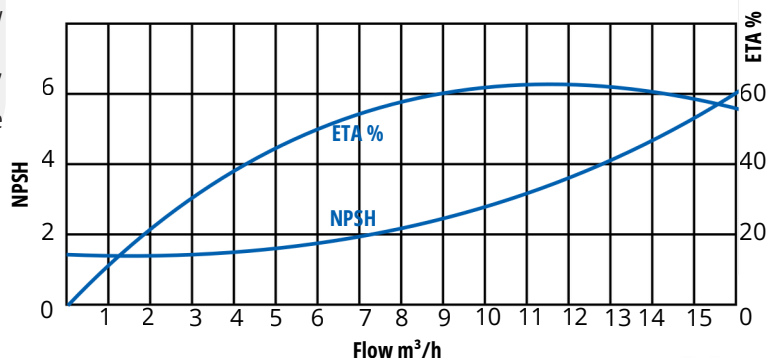
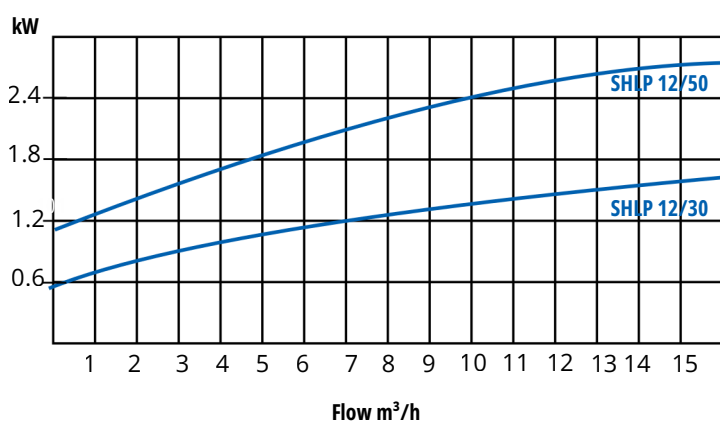
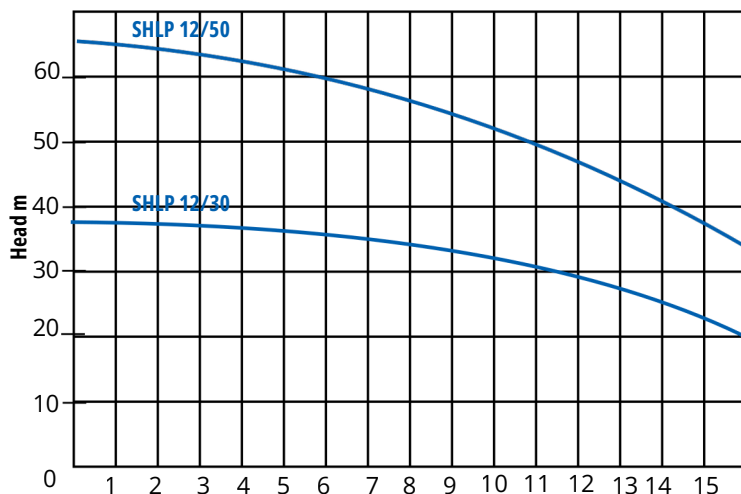
Typical Applications

- **Air-Conditioning System:** Ensures efficient water circulation in large-scale air conditioning systems for consistent temperature control.
- **Cooling System:** Provides reliable water flow for cooling processes in industrial machinery and equipment, preventing overheating.
- **Industrial Cleaning:** Supplies high-pressure water for thorough cleaning in industrial environments, enhancing cleanliness and safety.
- **Water Treatment (Water Purification):** Facilitates the movement of water in purification systems, ensuring a safe and clean water supply.
- **Aquaculture:** Delivers oxygenated water for fish farming, supporting healthy aquatic life and sustainable farming practices.
- **Fertilizing/Metering System:** Accurately meters and delivers water mixed with fertilizers for efficient agricultural irrigation.
- **Environmental Applications:** Supports environmental protection systems by circulating water in pollution control and remediation projects.
- **Pressure Boosting in Industrial Applications:** Enhances water pressure in various industrial processes, ensuring consistent and reliable operation.
- **Firefighting Systems:** Provides a reliable water supply for firefighting systems, ensuring rapid response to fire emergencies.
- **Domestic Water Supply:** Ensures consistent water pressure and supply for residential buildings, improving water distribution efficiency.
- **Boiler Feedwater Systems:** Pumps water into boilers at high pressure, ensuring efficient steam generation for power and heating.
- **Irrigation Systems:** Delivers water with sufficient pressure for extensive agricultural irrigation, promoting crop growth and yield.

Operating Conditions

- **Pumped liquids:** Thin, clean, non-aggressive and non-explosive liquids without solid particles or fibres.
- **Liquid Temperature Range:** 0°C to +90°C.
- **Max. Ambient Temperature:** +50°C
- **Max. Suction Lift:** According to the NPSH curve plus a safety margin of 1.0m
- **Max. Inlet Pressure:** 6 bars
- **Max. Operating Pressure:** 10Bar up to 40°C, 6 Bar up to 90°C
- **0.75KW/ 1HP**

Technical Data



Motor

- **Enclosure Class:** IP54
- **Insulation Class:** F
- **Voltage:** 1x240V
- **Speed:** 2900rpm

