

VP SERIES

VP

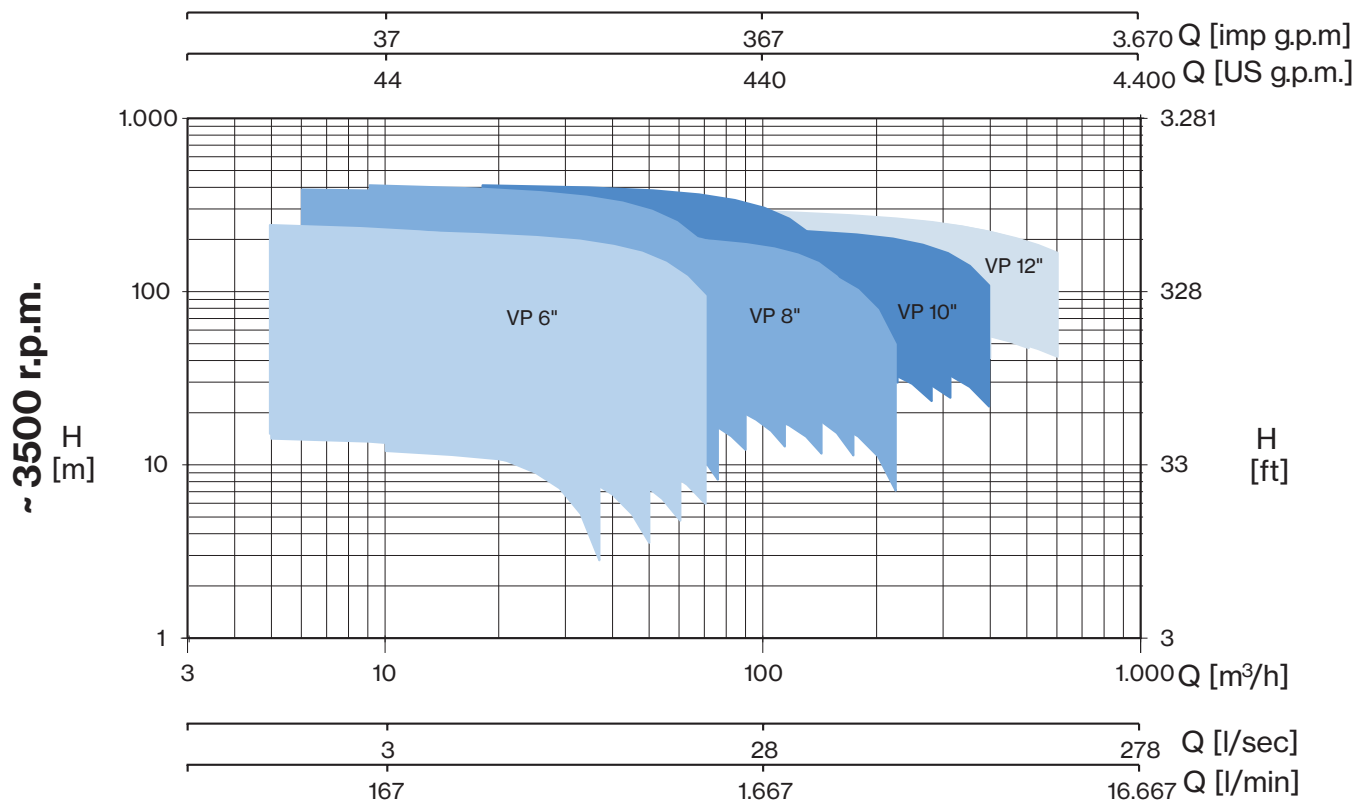
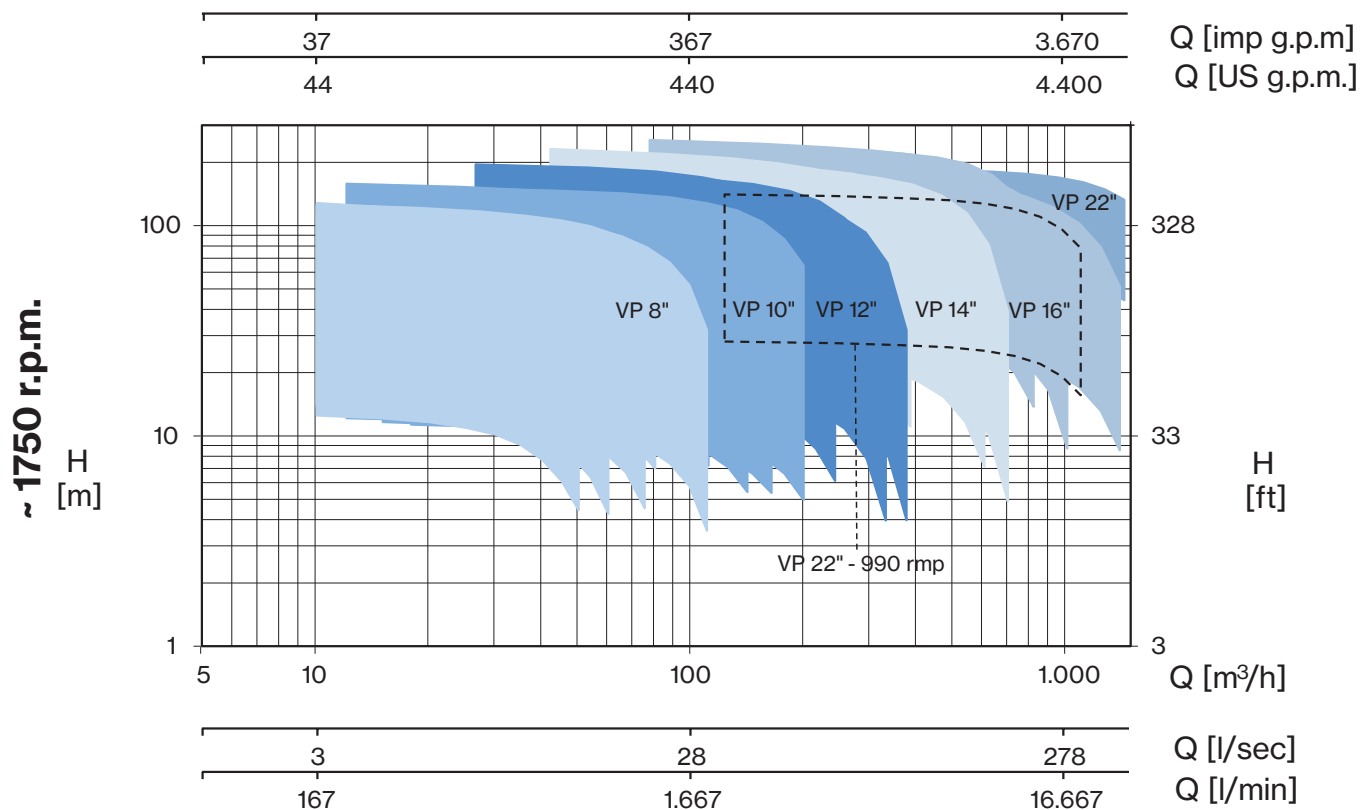


Vertical axis pumps recently improved in the hydraulic design with new models and solutions specifically developed for the industry sectors. High efficiency, reliability and extreme sturdiness are the main strengths of the VP line, which is available in versions with electric motor or with “angle drive”/pulley and internal combustion engine. The wide variety of executions and the numerous materials available make this series extremely versatile for use in areas not served by electricity, as emergency or back-up units and in all the main sectors of industry.

Applications:

- Pumping units for fire-fighting systems
- Aqueducts
- Condensate extraction in power plants
- Geothermal plants
- Water treatment on Reverse Osmosis plants

PERFORMANCE RANGE



VP SERIES

Main characteristics

- Capacity up to 1600 m³/h.
- Pressure up to 400 m.
- High hydraulic efficiency, up to 82%
- Thrust bearing (grease or oil with optional external cooling) for use of standard motors.
- Axis lines with tapered joints for reliable and durable connection of the shaft.
- Special bushings resistant to the wear of abrasive liquids and temperatures up to 140°C.
- Control unit for electric motor, transmission angle on request.
- AISI 420 stainless steel shaft for standard versions.
- The pump part of VPL models is produced in the standard execution in AISI 304 stainless steel.
- The pump part of VP models is produced in the standard execution in cast iron.



Technical operational specifics for standard versions

- All the hydraulic performance values below are guaranteed in accordance with standard ISO 9906-Grade 3B.
- The allowable content of solids in the pumped liquid is 100 g/m³.
- All the components wetted with liquid are available in various types of steel and bronze alloy.