LOWARA Z10-Z12

borehole pumps 10”

Borehole pump

Description

The Z10-Z12 series of source pumps is a large series of robust pumps that are easy to use and maintain thanks to their modular design. The pumps are highly resistant to the presence of sand in water. The pump head and connection to the motor are made of stainless cast steel and the impellers and diffusers are made of stainless steel.

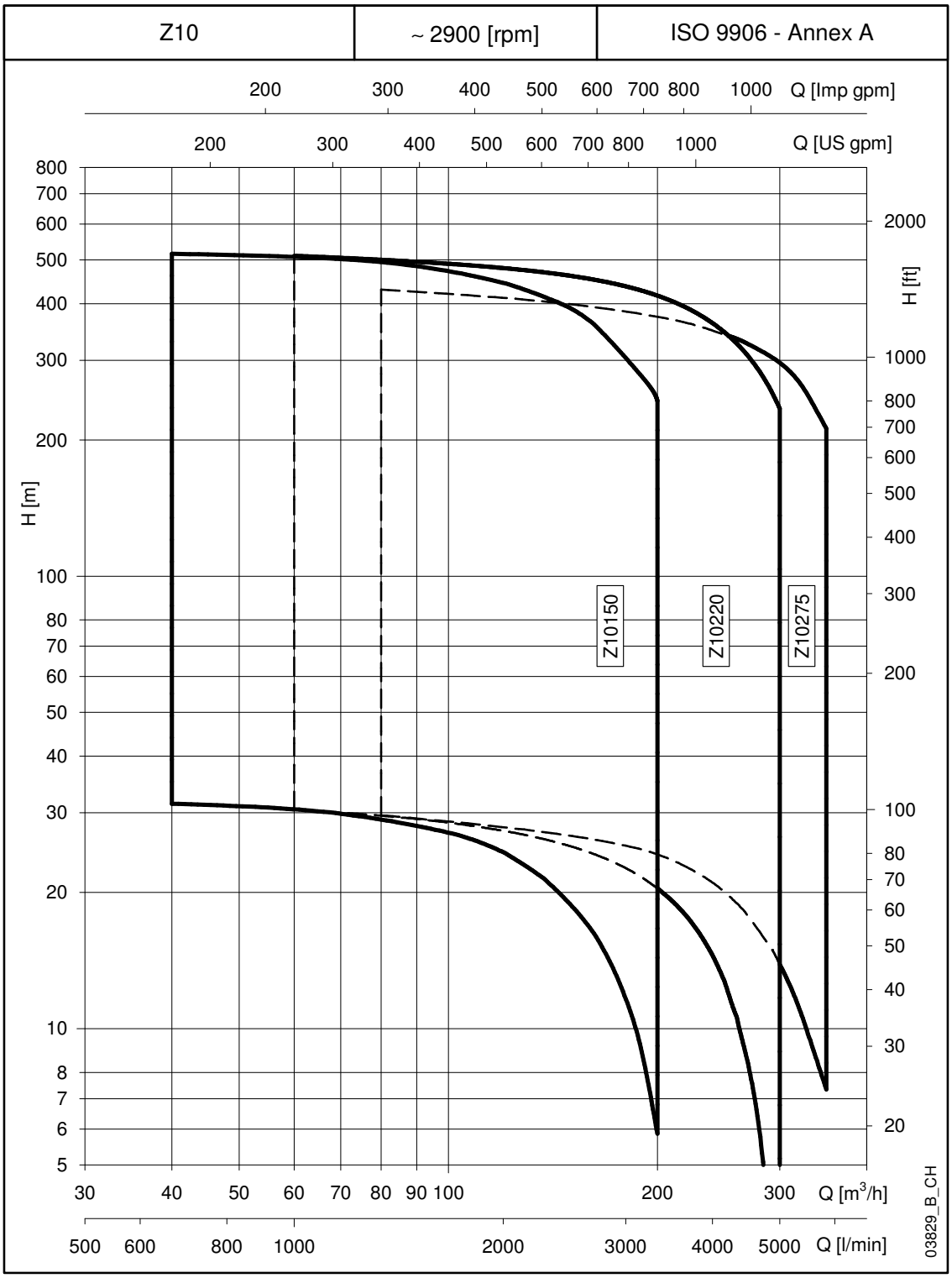
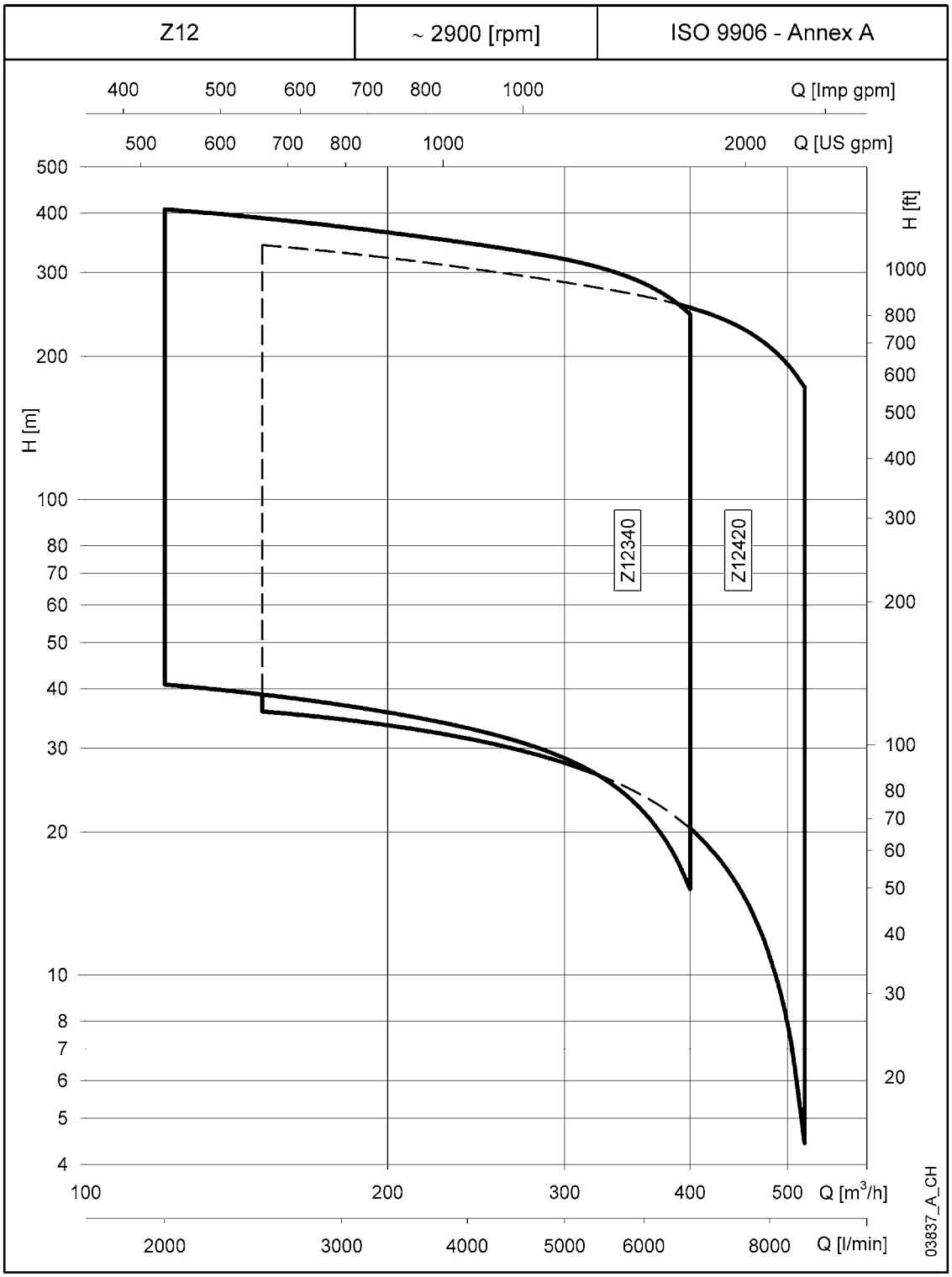
Applications

- deep 10” and 12” wells
- water supply from boreholes
- pressure boosting systems
- irrigation systems
- mines
- fire extinguishing systems

Specifications

- suitable for clean liquids and continuous use
- max. sand content: 50 g/m³
- design: stainless steel 304 (Z), stainless steel 304/316 (ZN), Duplex (ZR)
- capacity: up to 520 m³/h
- delivery head: up to 545 mwk
- max. immersion depth: 350 meters (with L6W and L8W motor)
- liquid temperature: max. 30 °C
- insulation class: Y
- protection class: IP68
- discharge connection: 6” and 8”
- motor power P2: up to 300 kW
- voltages:
  - 3-phase 380-415 Volt 50 Hz
  - other voltages and frequencies on request
- 5 m cable as standard
  any other cable lengths on request
- max. pump diameter with motor: up to Ø306 mm
- min. source diameter: Ø270 mm

Capacity graph Z10 series at 50 Hz, 2-pole



Capacity graph Z12 series at 50 Hz, 2-pole