

LOWARA Z6-ZN6

borehole pumps 6"



Borehole pump

Description

The Z6 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 the connection to the motor are made of stainless cast steel and the impellers and diffusers are made of stainless steel.

Applications

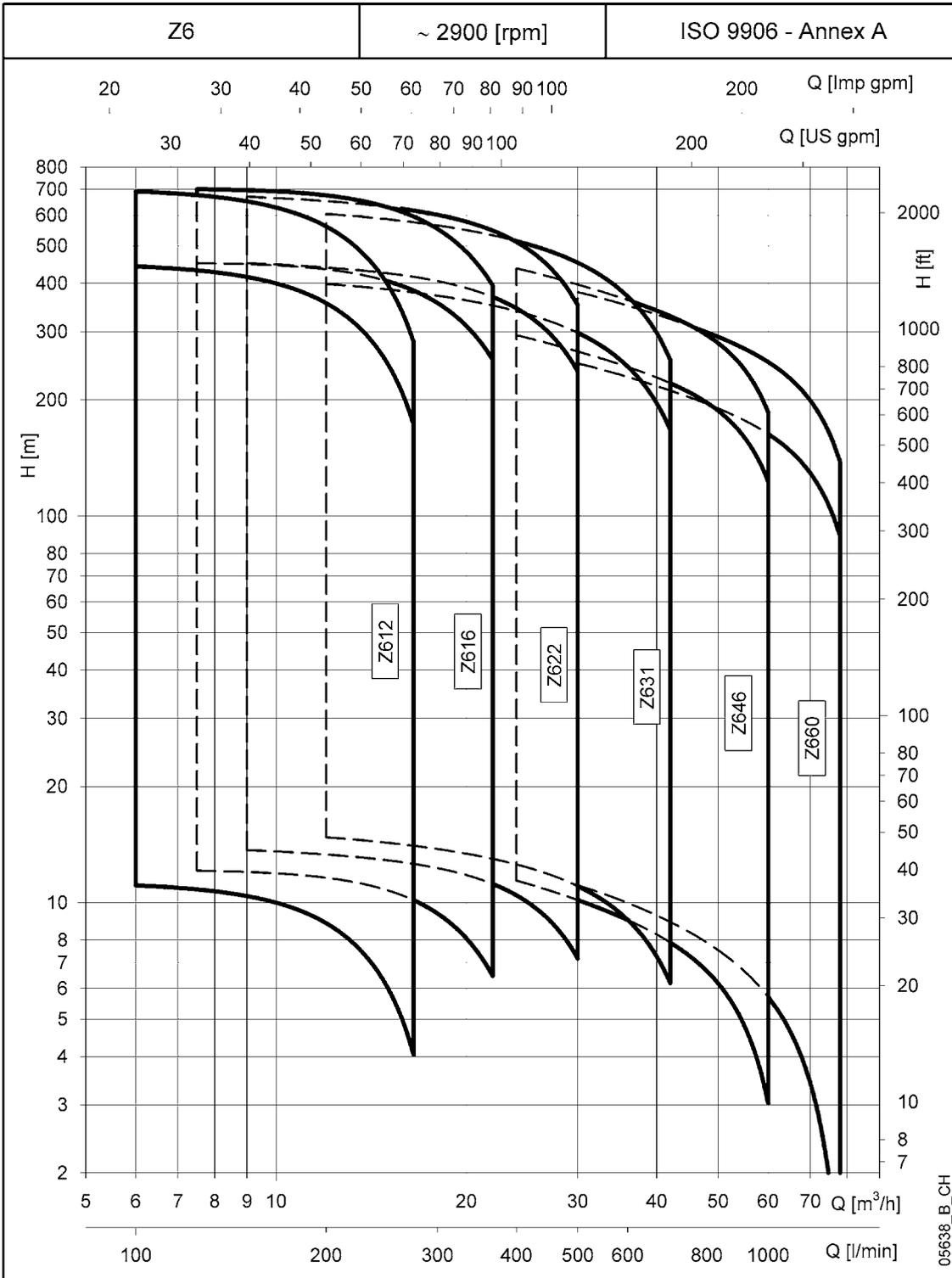
- o deep 6" wells and larger
- o water supply from tanks and reservoirs
- o pressure boosting systems
- o irrigation systems
- o mines
- o golf courses
- o fire extinguishing systems

Specifications

- o suitable for clean liquids and continuous use
- o max. sand content: 100 g/m³
- o desing: stainless steel 304 (Z) / 316 (ZN)
- o capacity: up to 78 m³/h
- o delivery head: up to 700 mwk
- o max. immersion depth: 350 meters (with L6W and L8W motor)
- o liquid temperature: max. 35 °C
- o insulation class: F
- o protection class: IP68
- o discharge connections: from 2½" to 4"
- o motor power P2: up to 93 kW
- o voltages:
 - 1-phase 220-240 Volt 50 Hz with overcurrent protection up to 1,1 kW (L4C)
 - 3-phase 380-415 Volt 50 Hz
 - other voltages and frequencies on request
- o standard cable: 5,5 m any other cable lengths on request
- o max. pump diameter: Ø193 mm

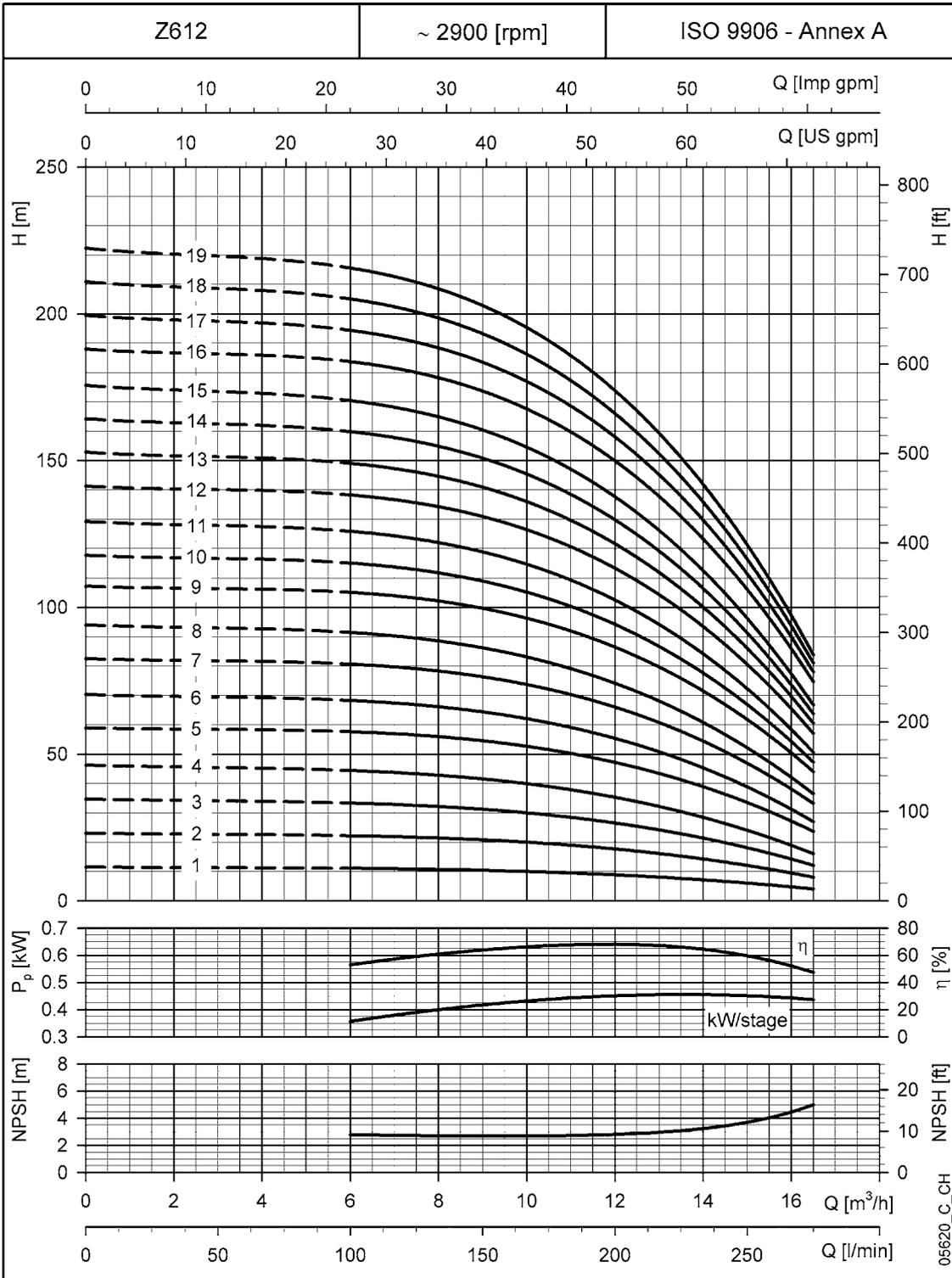


Capacity graph Z6 series at 50 Hz, 2-pole



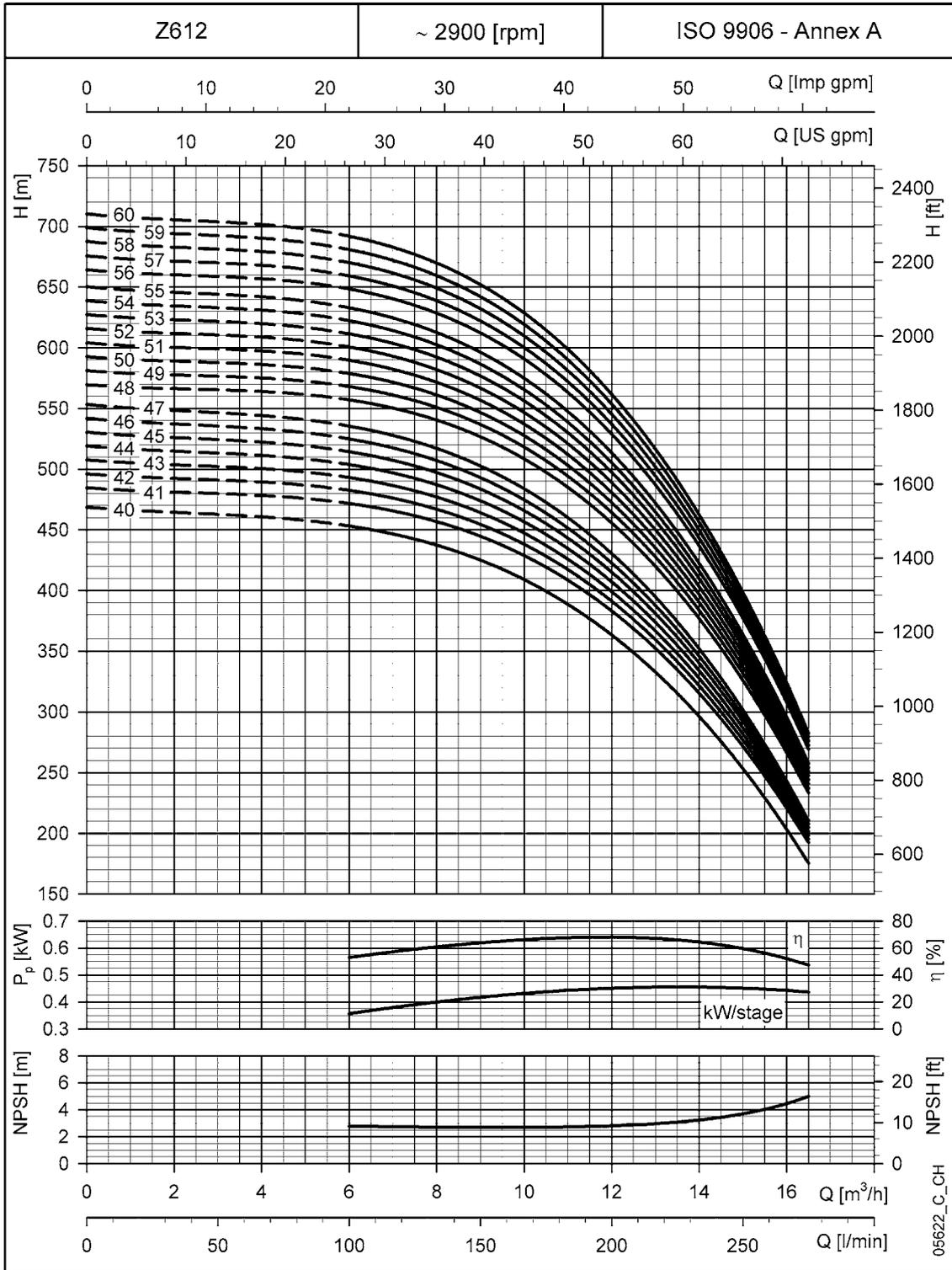


Capacity graph Z612 series 1-19 impellers at 50 Hz, 2-pole



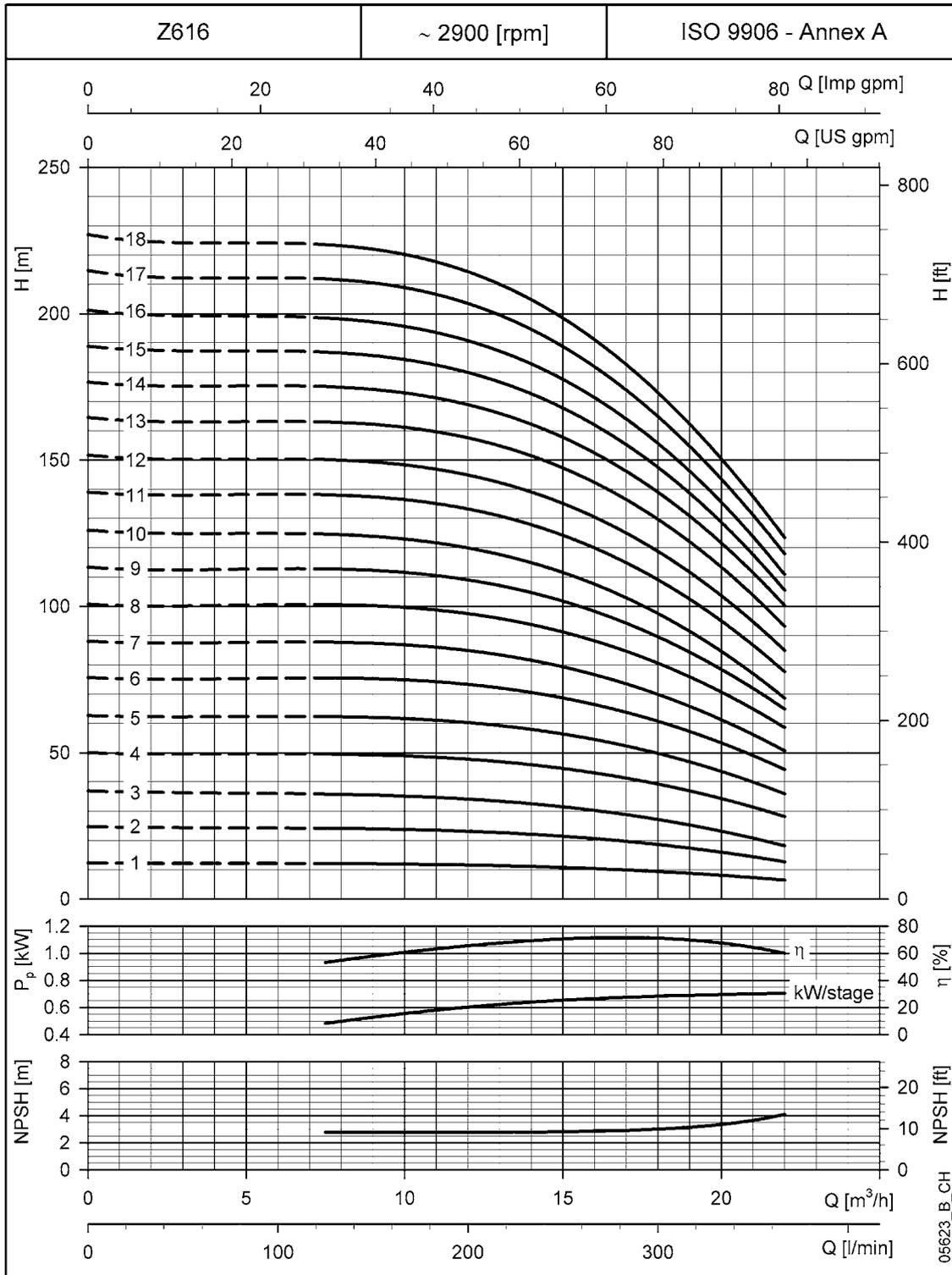


Capacity graph Z612 series 40-60 impellers at 50 Hz, 2-pole



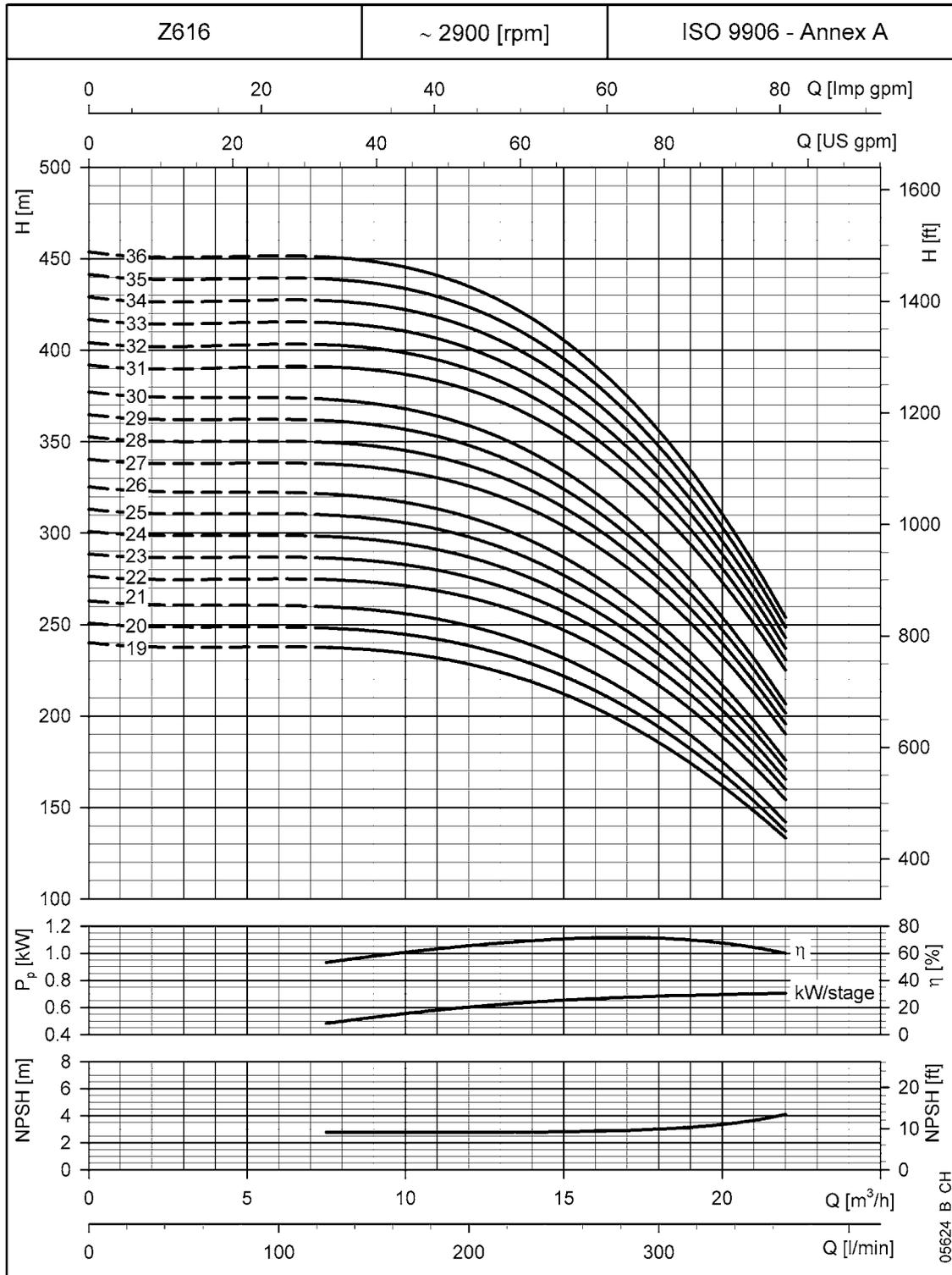


Capacity graph Z616 series 1-18 impellers at 50 Hz, 2-pole



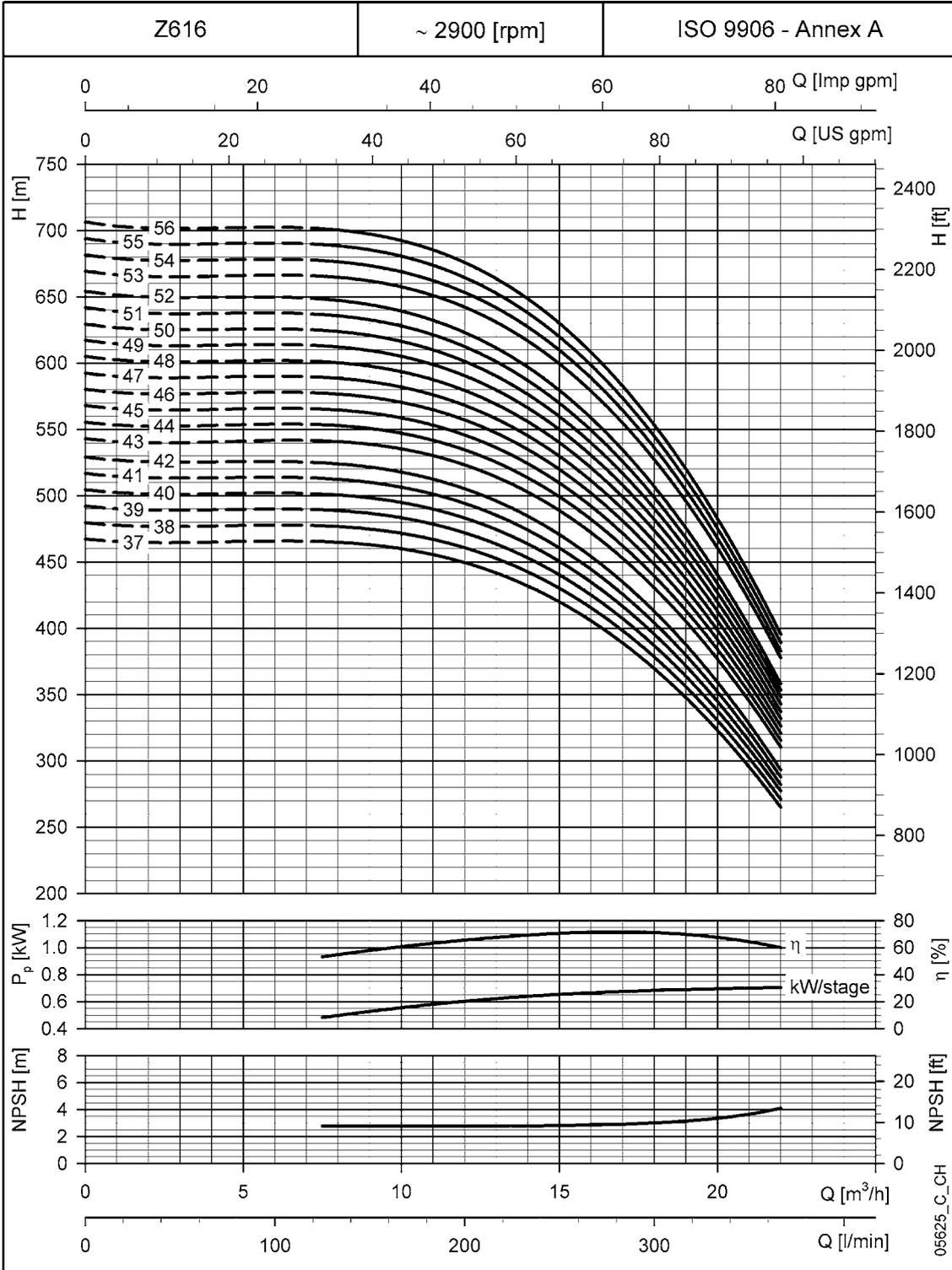


Capacity graph Z616 series 19-36 impellers at 50 Hz, 2-pole



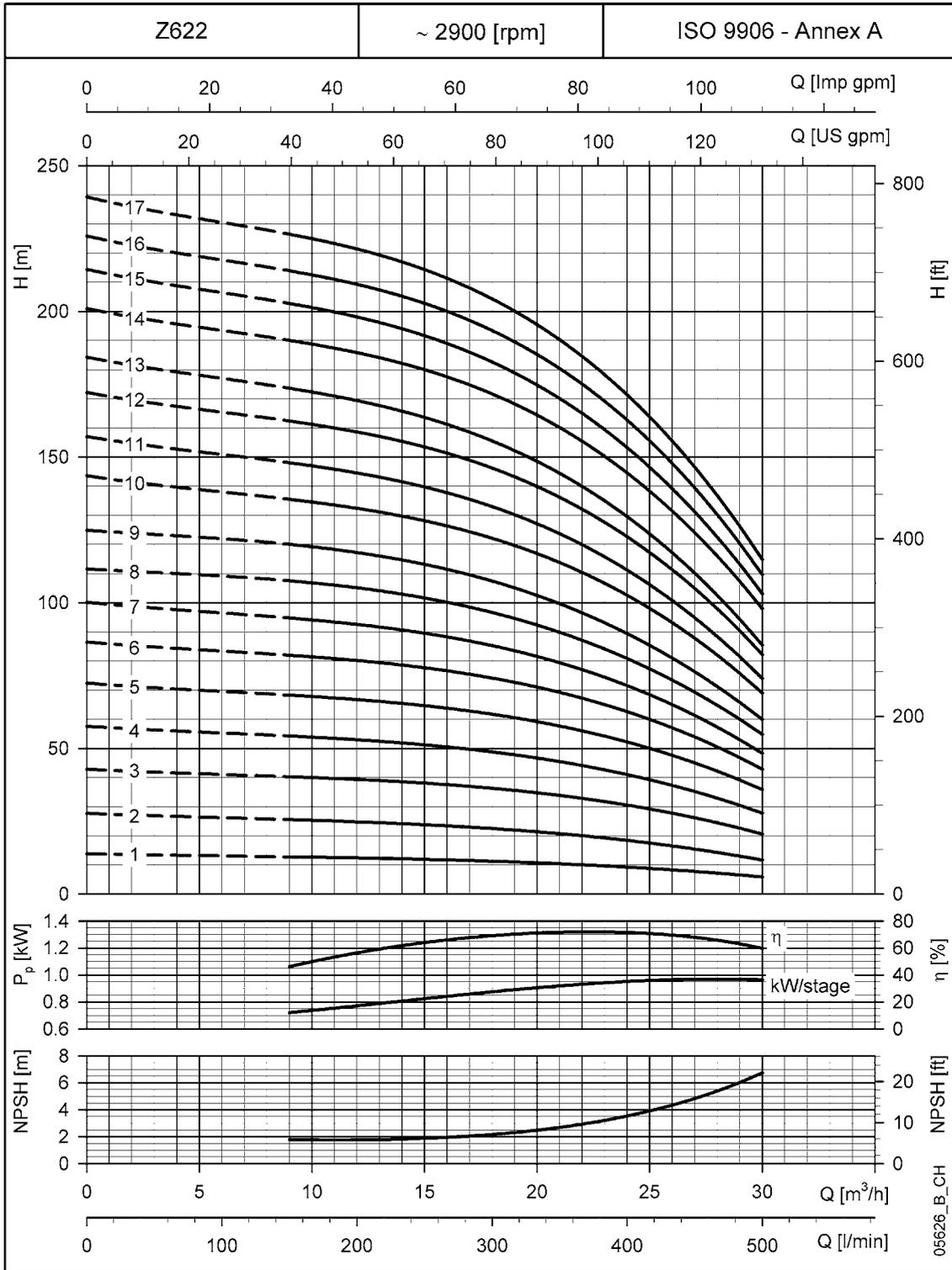


Capacity graph Z616 series 37-56 impellers at 50 Hz, 2-pole



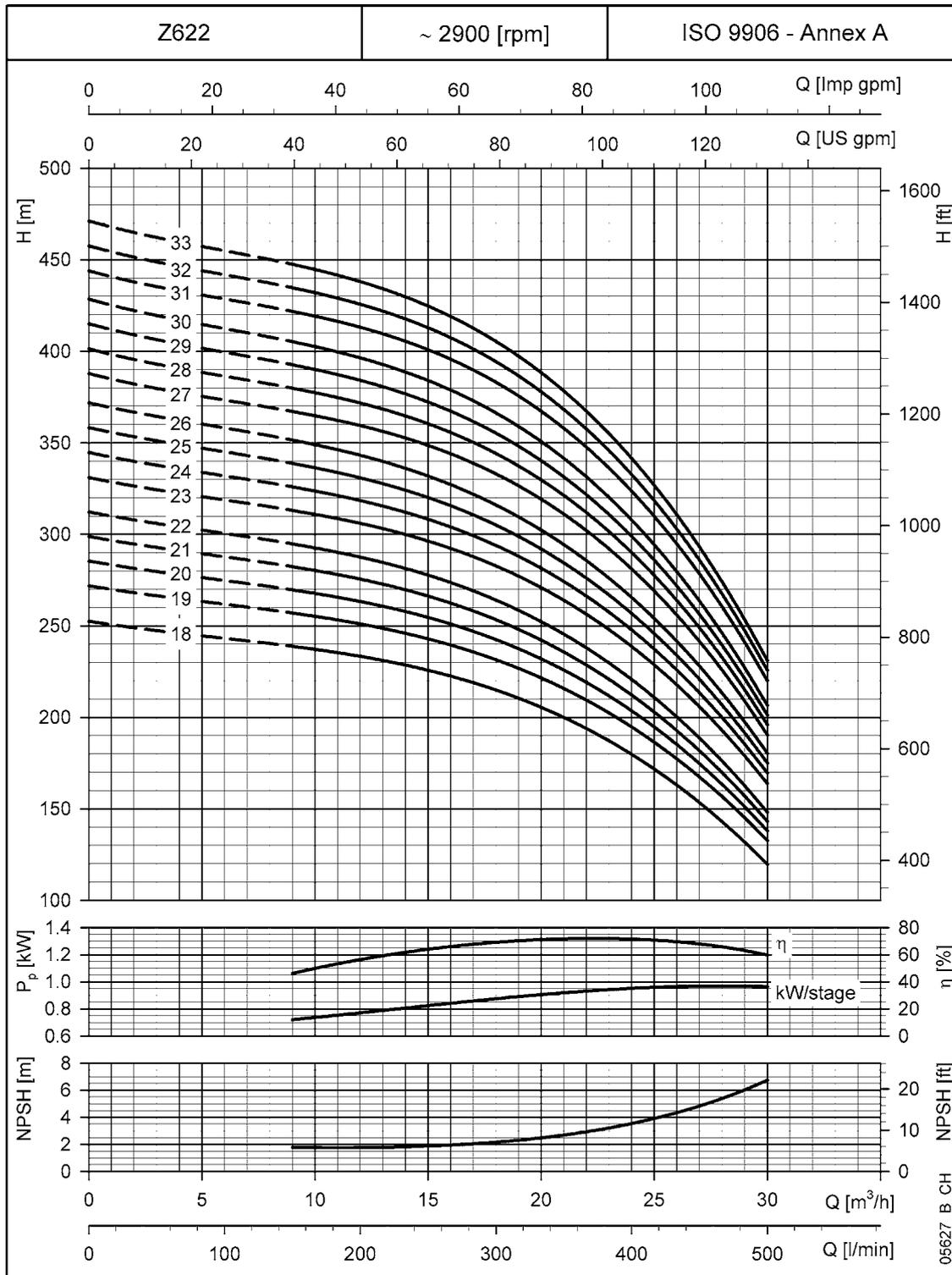


Capacity graph Z622 series 1-17 impellers at 50 Hz, 2-pole



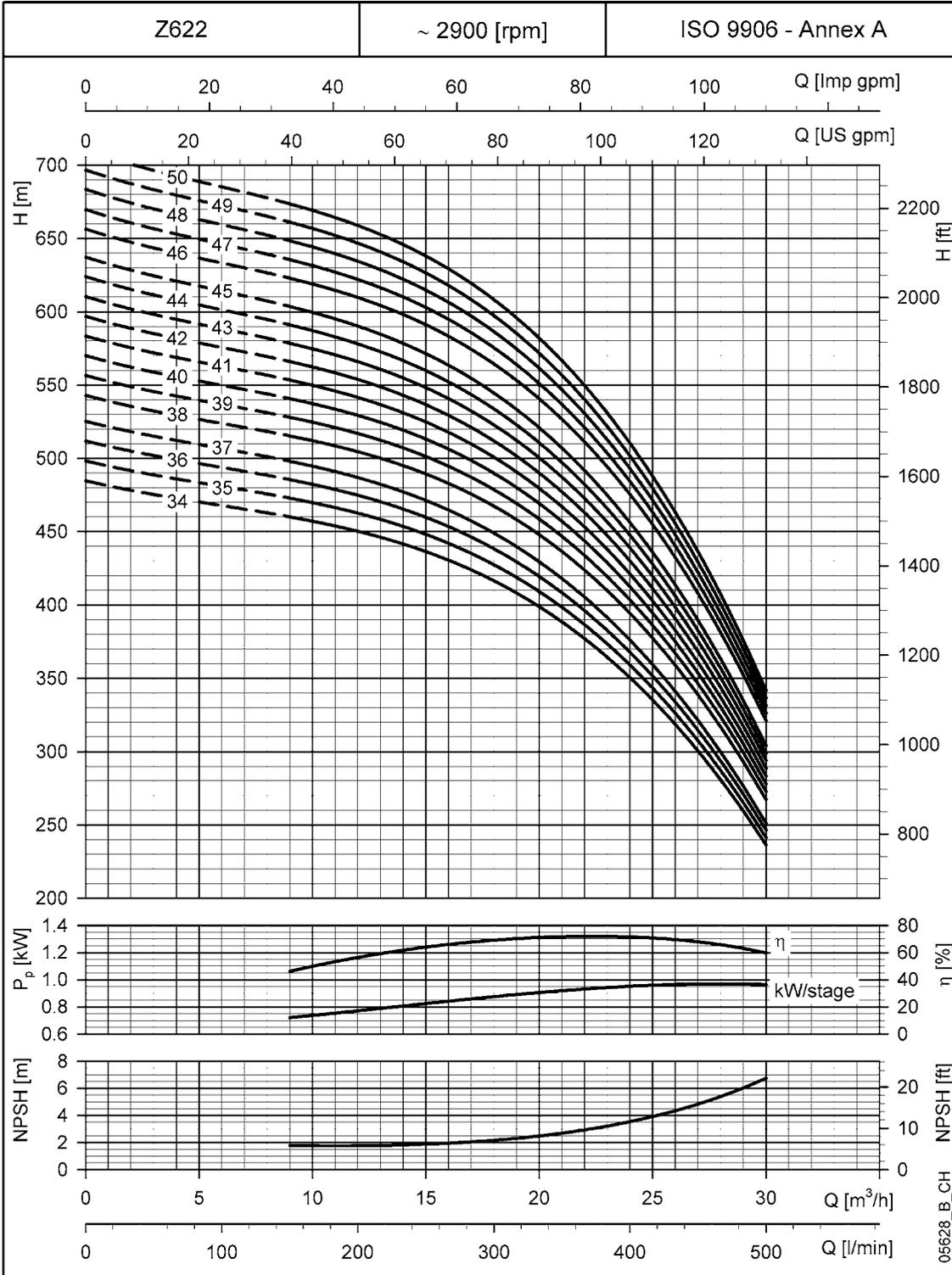


Capacity graph Z622 series 18-33 impellers at 50 Hz, 2-pole



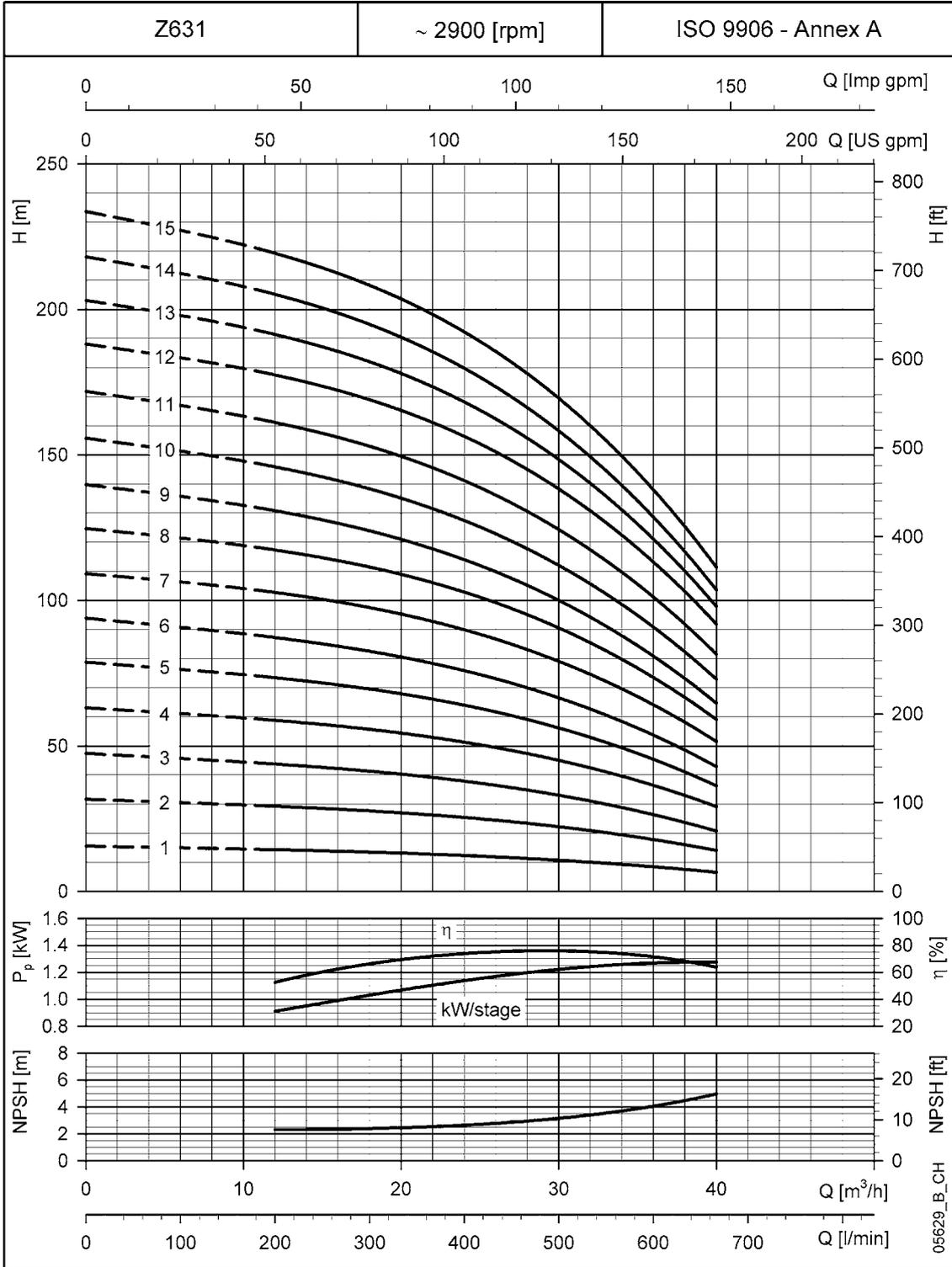


Capacity graph Z622 series 34-50 impellers at 50 Hz, 2-pole



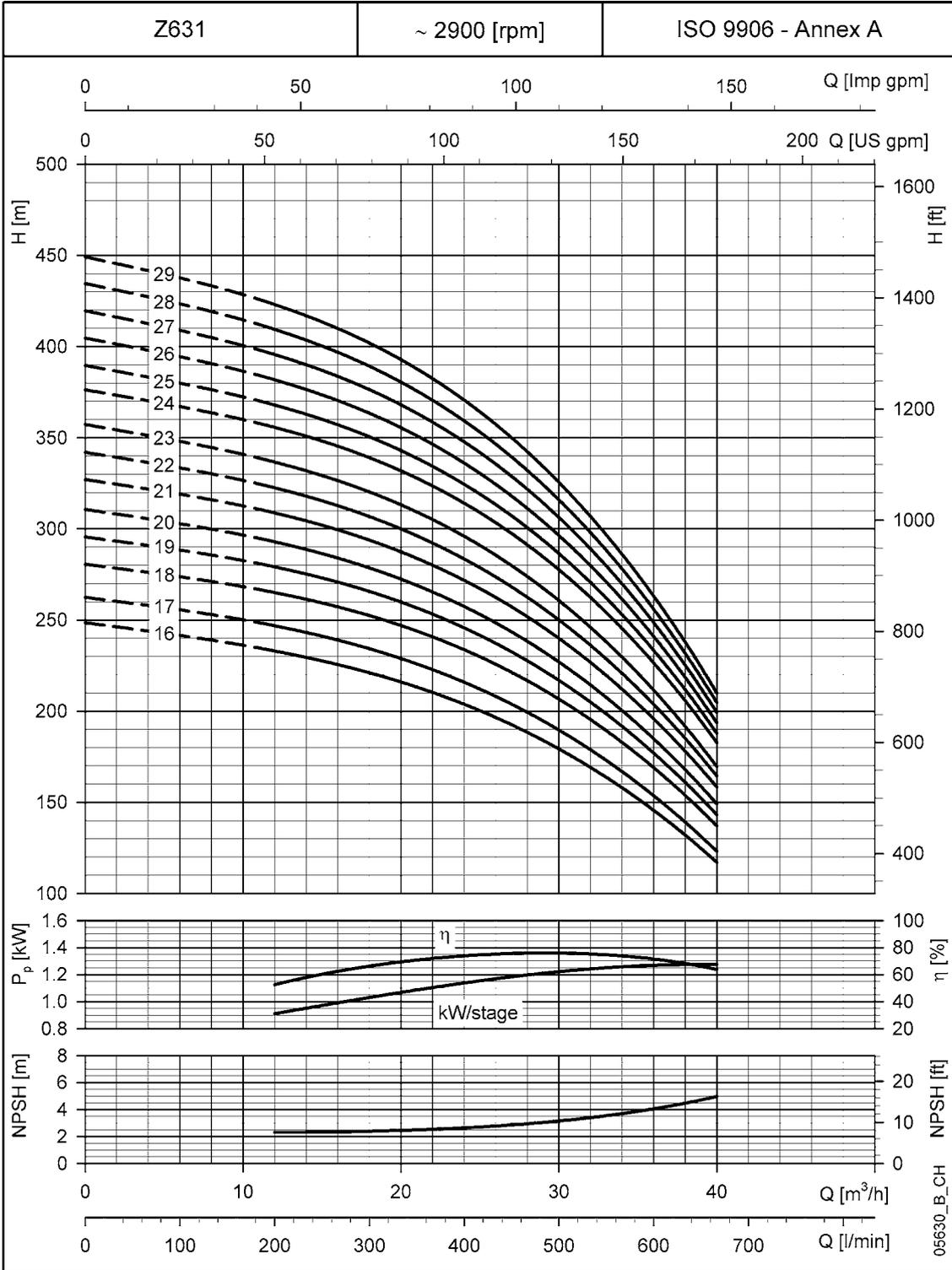


Capacity graph Z631 series 1-15 impellers at 50 Hz, 2-pole



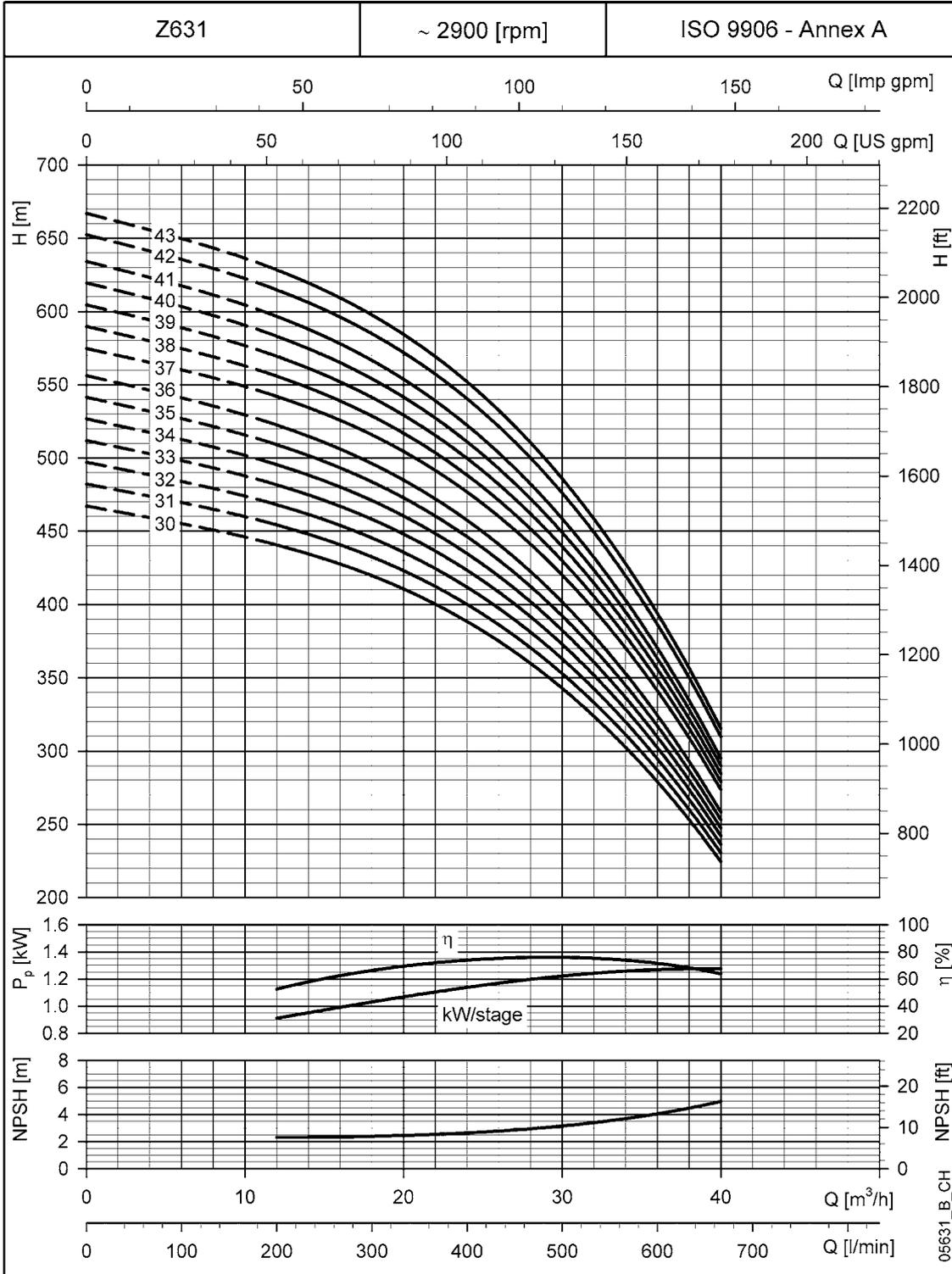


Capacity graph Z631 series 16-29 impellers at 50 Hz, 2-pole



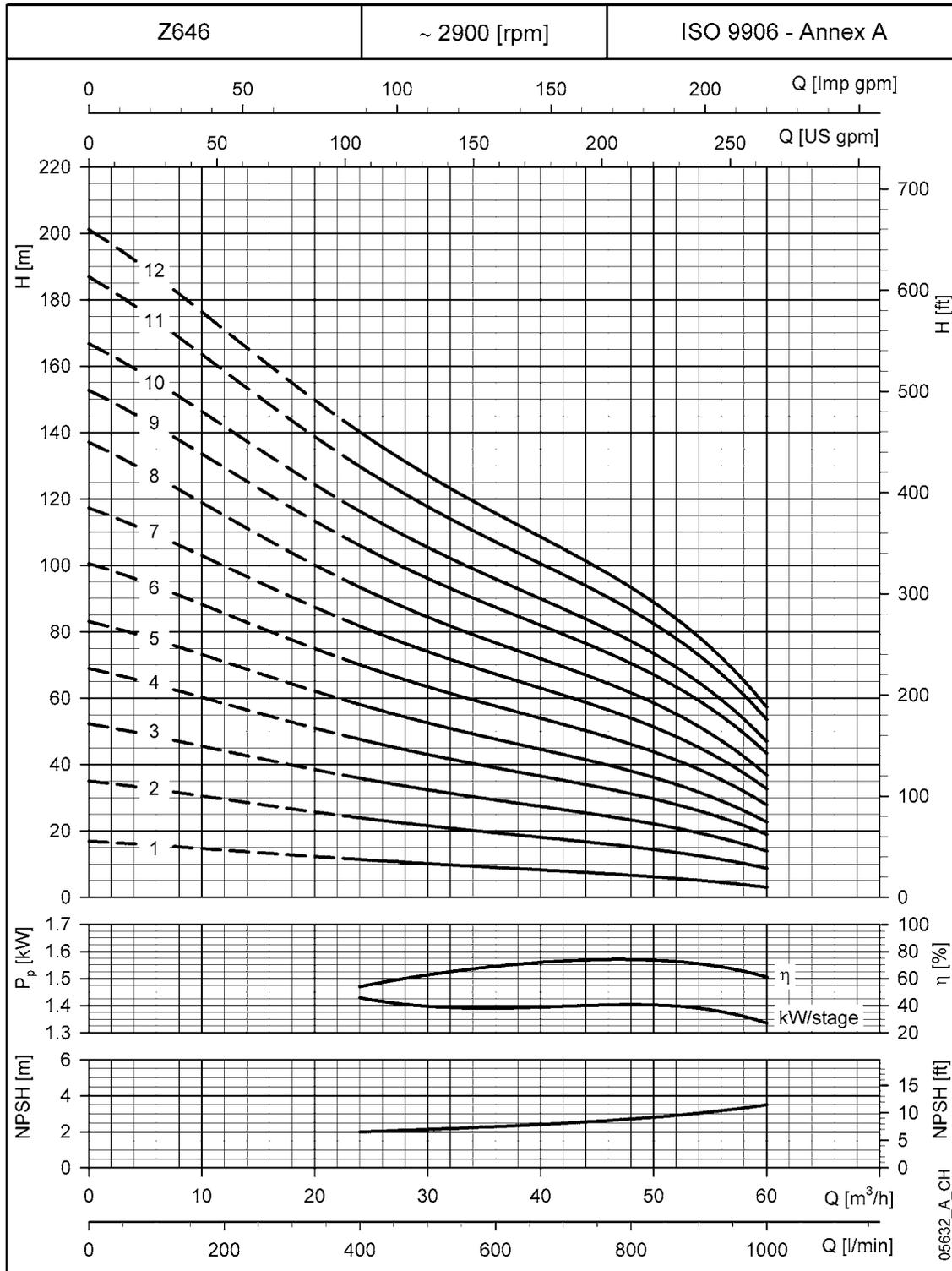


Capacity graph Z631 series 30-43 impellers at 50 Hz, 2-pole



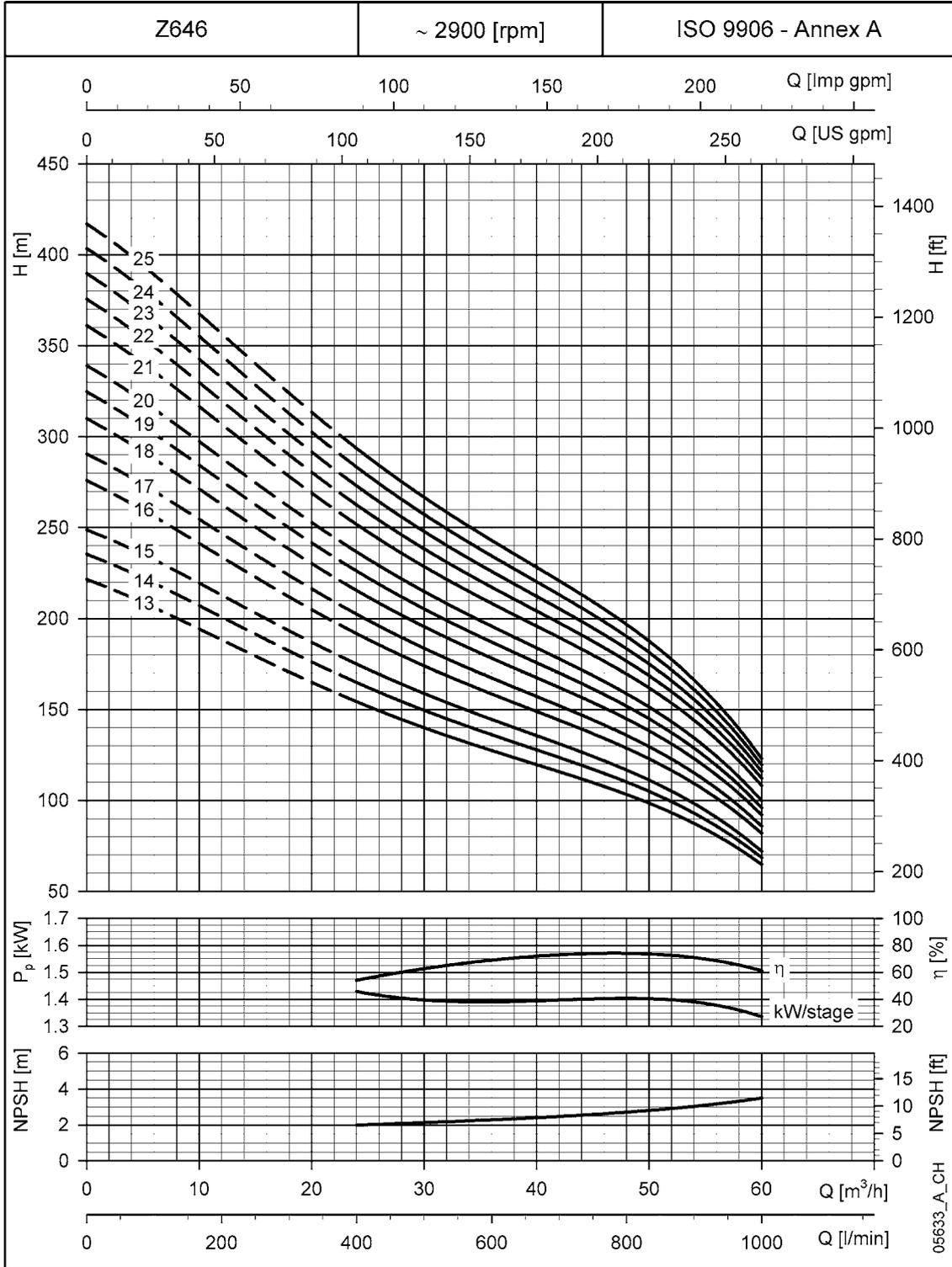


Capacity graph Z646 series 1-12 impellers at 50 Hz, 2-pole



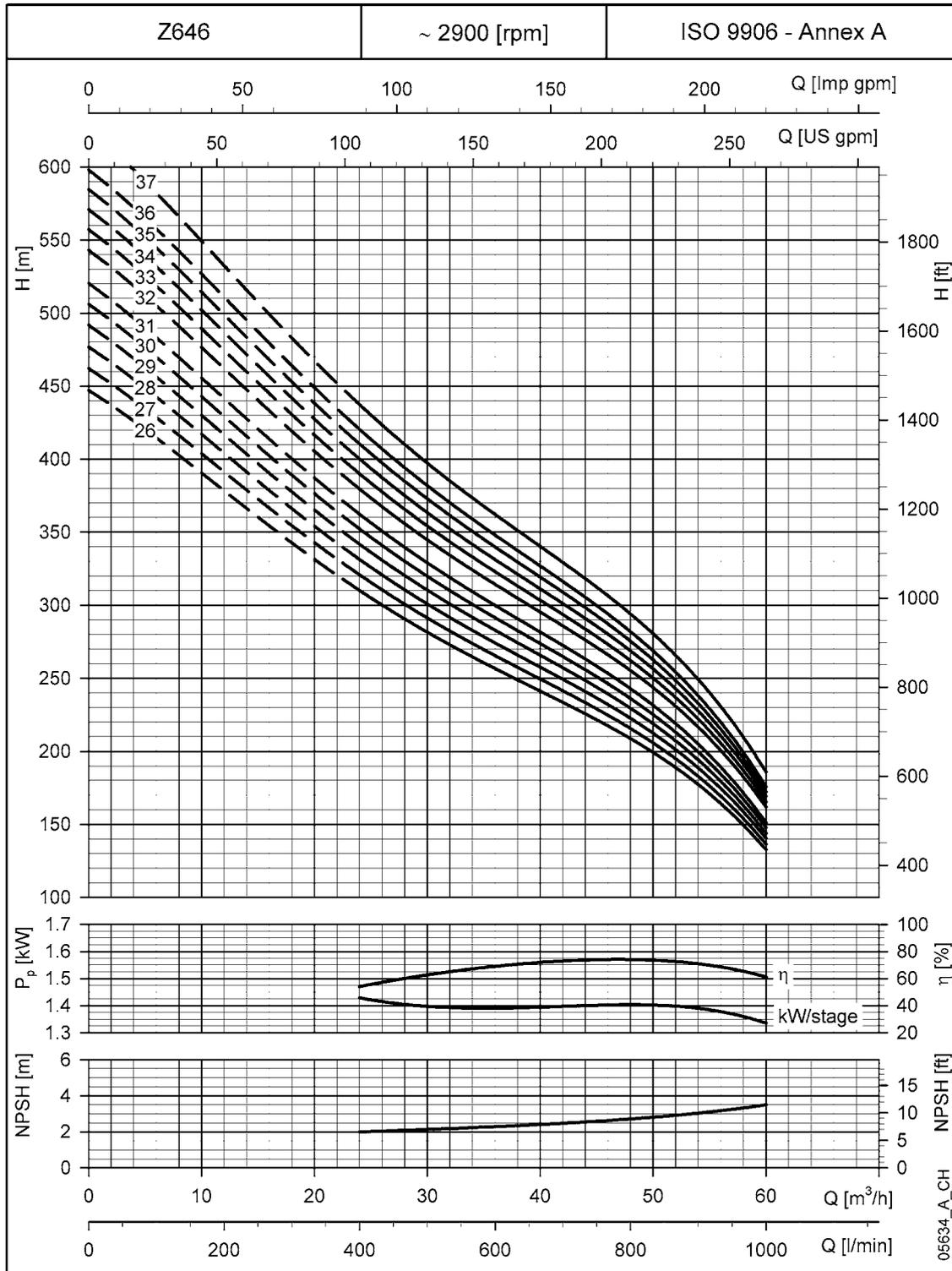


Capacity graph Z646 series 13-25 impellers at 50 Hz, 2-pole



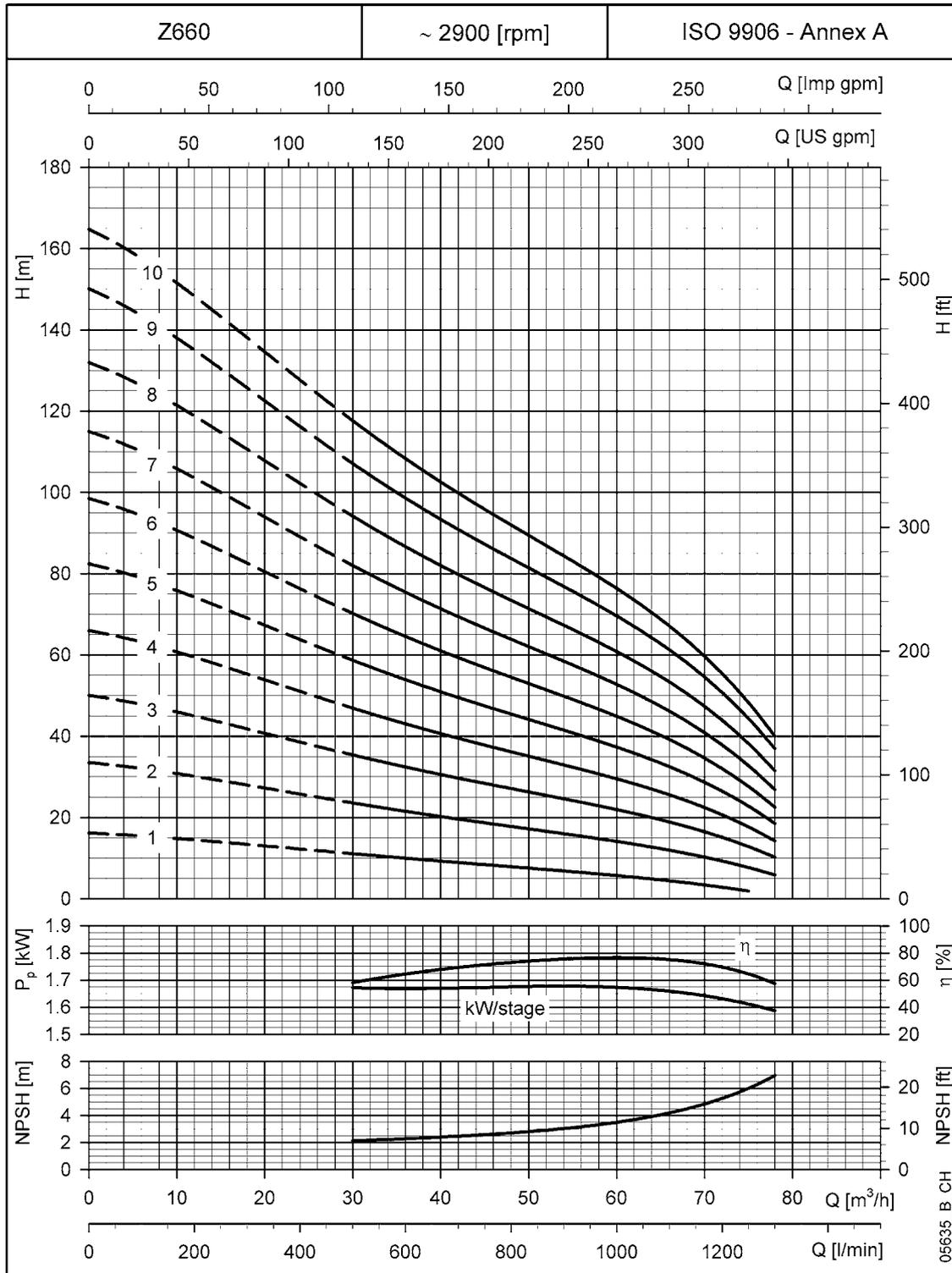


Capacity graph Z646 series 26-37 impellers at 50 Hz, 2-pole



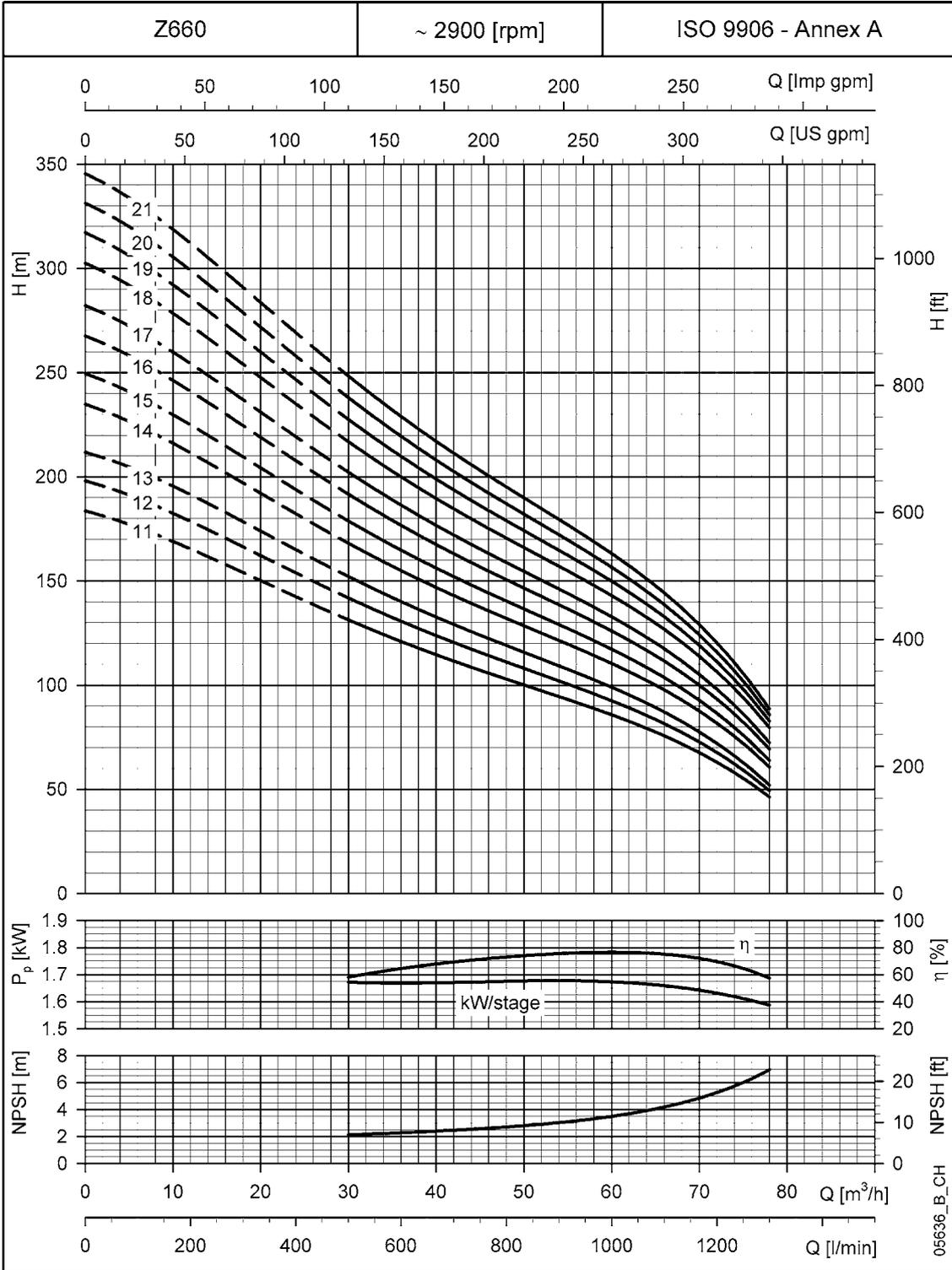


Capacity graph Z660 series 1-10 impellers at 50 Hz, 2-pole





Capacity graph Z660 series 11-21 impellers at 50 Hz, 2-pole





Capacity graph Z660 series 22-32 impellers at 50 Hz, 2-pole

