

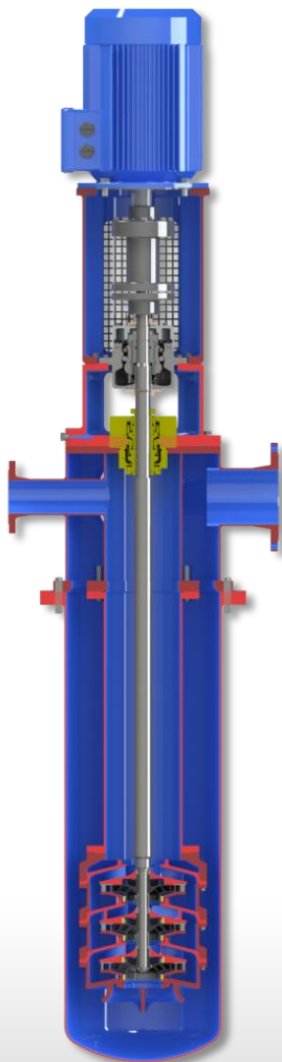
The VBR (VS6) is a double casing single or multistage design incorporating single or multi radial vane impellers with front and rear wear rings, each impeller has its own diffuser. VBR vertical shaft pumps feature a barrel (suction can) and are suitable for dry or wet well uses. This range is also available without the casing please refer to our VIR (VS1) datasheet.

APPLICATIONS

- Crude Oil Transfer
- Hydrocarbon Booster & Transfer
- Liquefied Gas
- Cooling Circuit
- Petrochemical/Chemical Transfer
- Condensate
- LNG Vaporizer Feed

Examples:

- Power plants
- Cryogenic
- Petrochemical plants
- Refineries



FEATURES

- Replaceable wear rings & balance holes to minimise axial loads.
- Length can be adapted to suit installation
- Number of stages 1 - 10
- Renewable inter-stage bushings
- Stuffing boxes acc. to API 682 suitable for various API compliant seals.
- Spacer coupling permits visual inspection of bearing and sealing areas
- Magnetic couplings optional for specific applications.
- Impeller/diffuser offers high efficiency and stable flow

Construction Vertical multistage Double casing with diffusers

Design Standards API 610 10th edition
ISO13709
ATEX 94/9/EC

Hydraulic Multistage, Closed impeller with Diffuser

Max Capacity 400 m³/h

Max AW Pressure 40 Bar*

Temperature -40 Up to 250°C*

Max Head 350 m

Max Pump Speed 3500 rpm (60Hz)

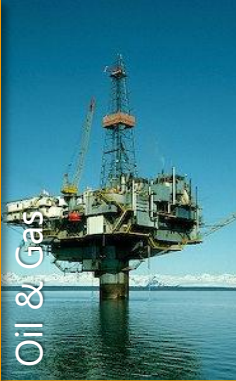
Pipe Size 2 pole: 32-100mm
4 pole: 32-150mm

Materials Wide range of alloys incl NACE compliant

Design Life 20 Years (3 years constant operation)

* For higher values contact us.

RODELTA
PUMPS INTERNATIONAL

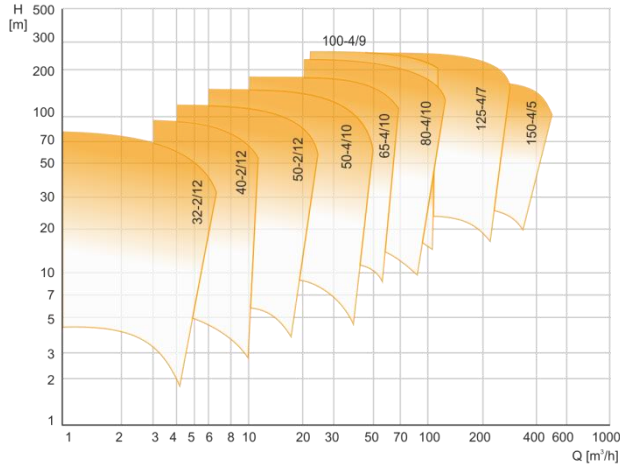


VBR

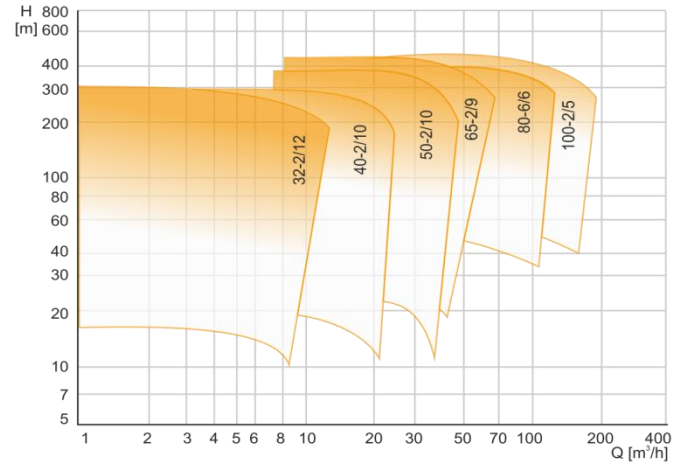
VERTICAL MULTISTAGE PUMP
WITH BARREL CASING (ISO13709)

PERFORMANCE DATA

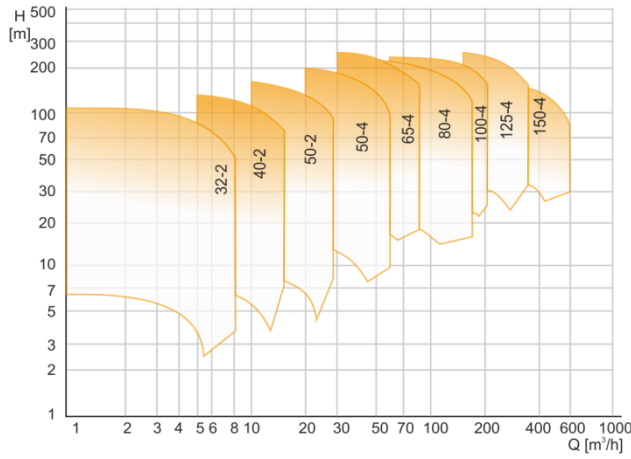
50Hz 1500 RPM



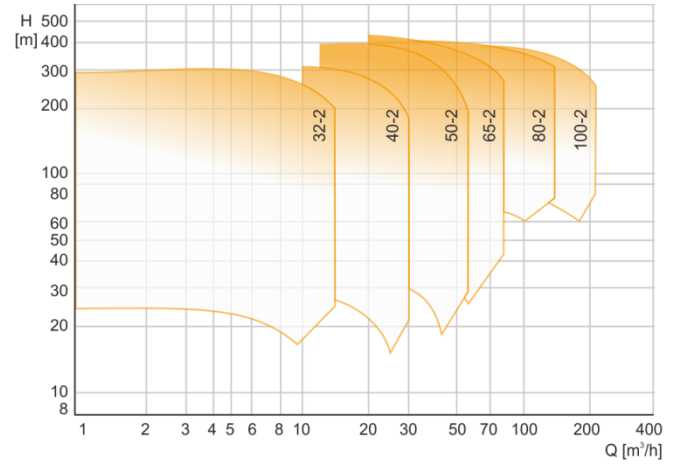
50Hz 3000 RPM



60Hz 1800 RPM



60Hz 3600 RPM



RODELTA

PUMPS INTERNATIONAL

NETHERLANDS: Enschedesestraat 234, 7552 CM Hengelo, PO Box 650, 7550 AR Hengelo
T: +31 (0)742455200 F: +31 (0)742455201 E: info@rodelta.com W: www.rodelta.com

UNITED KINGDOM: 22 Commerce Way, Lancing Business Park, West Sussex. BN15 8TA
T: +44 (0)1273782240 Skype: rodeltauuk E: salesuk@rodelta.com