

VERTICALLY SUSPENDED, SINGLE OR MULTISTAGE PUMP FOR OIL & GAS

API-610

TYPE: VS1, VS2, VS6, VS7

TRILLIUM PUMP MODEL: VBN & VBN-D

gabbioneta pumps 

 Termomeccanica
Pompe

OVERVIEW

Trillium Flow Technologies' VBN pump range combines the engineering excellence, innovation, and heritage of our Gabbioneta Pumps® and Termomeccanica Pompe brands. Our expertise in designing and manufacturing vertical pumps dates back to the 1960s, with thousands of units installed worldwide.

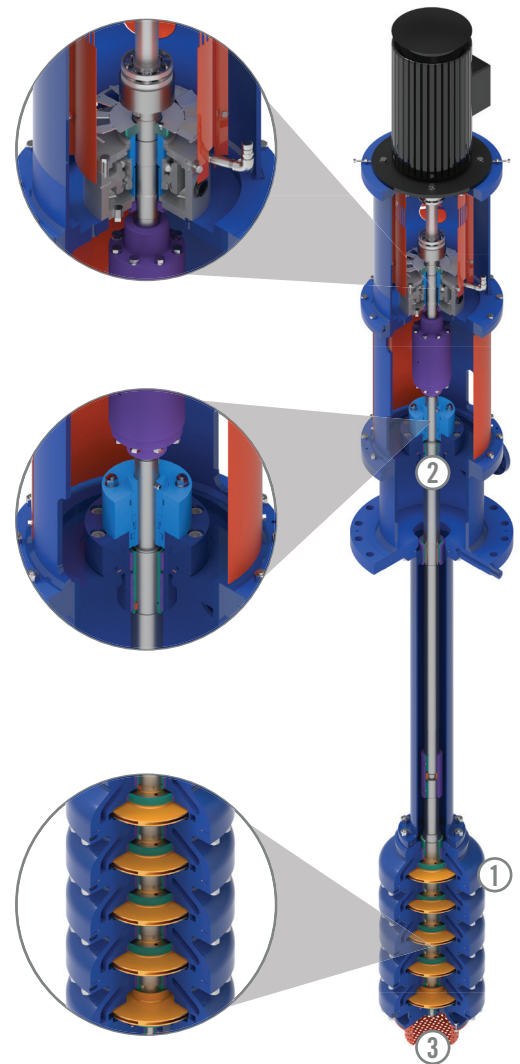
This pump range is available in two configurations:

VBN : Single Suction 1st Stage:

- VS1 : vertically suspended, wet pit, single casing, single or multistage diffuser construction
- VS6 : vertically suspended, receiver can, double casing, single or multistage diffuser construction

VBN-D : Double Suction 1st Stage:

- VS2 : vertically suspended, wet pit, single casing, single or multistage volute construction
- VS7 : vertically suspended, receiver can, double casing, single or multistage volute construction



KEY FEATURES

API 610 12th edition compliant

① Extensive range of industry leading hydraulics available

② Seal chambers in compliance with API 682

③ Low NPSHr options with large eye and double suction impeller options available

Class leading bearing design for low OPEX costs

Wide range of material options available for all services

OPTIONS

- Bespoke hydraulics available on request
- Integral drain available on double case pumps
- Tilt pad bearing arrangements available for high-thrust applications
- Anti-reverse rotation designs available
- Oil mist bearing design
- Custom material options available

OPERATING RANGE

- Capacity: up to 4,500 m³/h, 11010 USGPM
- Head: up to 2,500 m, 8205 ft
- Temperature: up to 400°C, 750°F
- Rotating Speed: up to 3,600 RPM

MAIN APPLICATIONS

- Oil & Gas
- Fluid transportation
- Pipeline
- Hydrocarbon booster
- Condensate extraction

