

VERTICAL, RADIALY SPLIT, SINGLE-STAGE PUMP

API-610

TYPE: VS4

TRILLIUM PUMP MODEL: VI

OVERVIEW

Trillium Flow Technologies' updated VI pump range builds on the engineering excellence, innovation, and heritage of our Termomeccanica Pompe brand. Our expertise in designing and manufacturing VS4 pumps dates back to the 1970s, with thousands of units installed worldwide.

This API-compliant VS4 pump range is a radially split, single-stage, vertically mounted pump with a single suction first stage impeller. We utilize a unique construction to minimize the mounting flange diameter to save our customers capital cost of installation.



KEY FEATURES

API 610 compliant

① Compact design to minimize mounting flange diameter

② Standard line shaft options for any sump length

③ API 682 compliant seal chamber

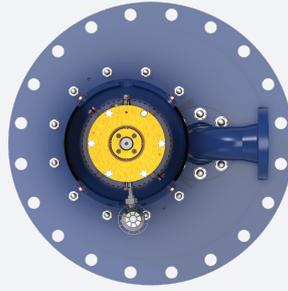
④ Single suction impeller

⑤ Wide range of hydraulics for a variety of applications

⑥ Line bearing flush combined with column flanges for more compact and robust design

⑦ Lineshaft bearings to provide rotor support

Inducer options available for low NPSHa



OPTIONS

All API material options: S-4, S-5, S-6, S-8, C-6, A-8, D-1, D-2, and bespoke options
High efficiency options for RO and power markets
Composite wear parts, for improved efficiency and rotor dynamics
Specialist Options: High-speed over 6500 RPM, Interstage take-off options

MAIN APPLICATIONS

Boiler Feed Water For Traditional Power Plants
Water Transmission Pipelines & Water Distribution
Condensate Extraction
High Pressure Auxiliary Services In General Industry, Petrochemical & RO Desalination Plants

OPERATING RANGE

Capacity: up to 4,000 m³/h, 17,600 USGPM
Head: up to 200 m, 700 ft
Temperature: up to 450°C, 850 °F
Speed of rotation: Up to 4,000 RPM

