

TRILLIUM FLOW TECHNOLOGIES

HORIZONTAL, RADIALY SPLIT, TWO-STAGE, BETWEEN BEARINGS, SINGLE & DOUBLE SUCTION PUMPS

gabbioneta pumps 

 Termomeccanica Pompe

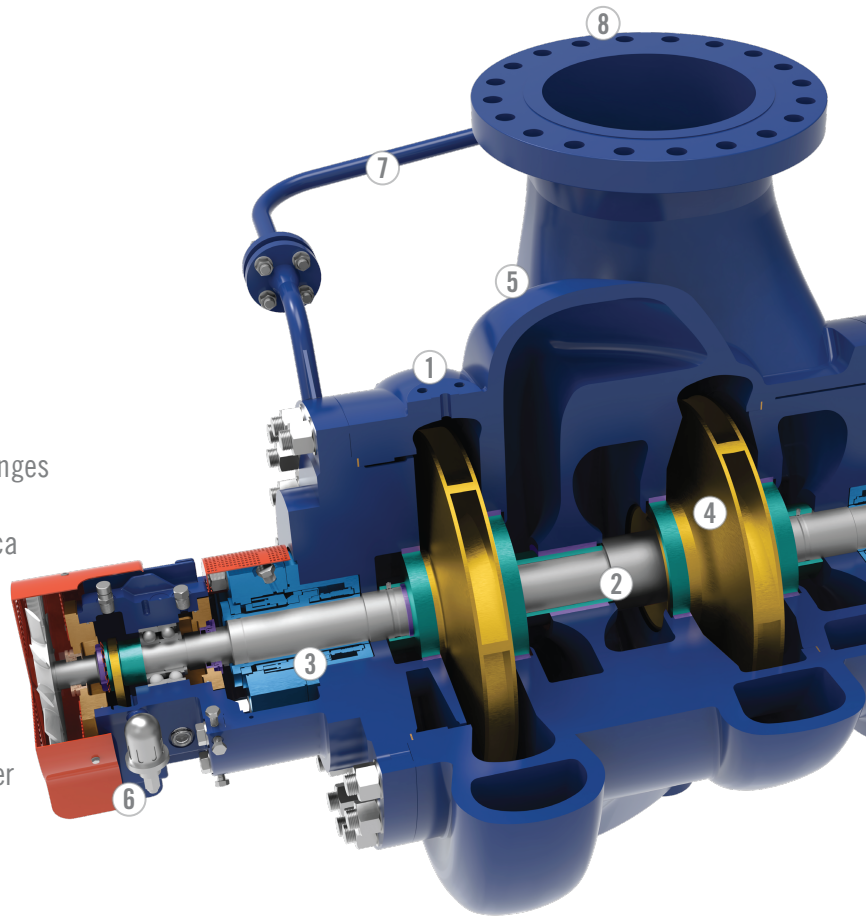
API-610

TYPE: BB2

TRILLIUM PUMP MODEL: DDH

OVERVIEW

Trillium Flow Technologies' updated DH & DDH pump ranges combine the engineering excellence, innovation, and heritage of our Gabbioneta Pumps® and Termomeccanica Pompe brands. Our expertise in designing and manufacturing BB2 pumps dates back to the 1960s, with thousands of units installed worldwide. This API-compliant BB2 pump range is radially split, two-stage, between-bearings, and centerline-mounted with either a single or double suction first-stage impeller for reduced NPSHr.



KEY FEATURES

Fully API 610 compliant

① Integral case connections to avoid non-destructive testing

② Heavy-duty shaft to minimize rotor deflection and maximize uptime

③ API 682 compliant seal chamber

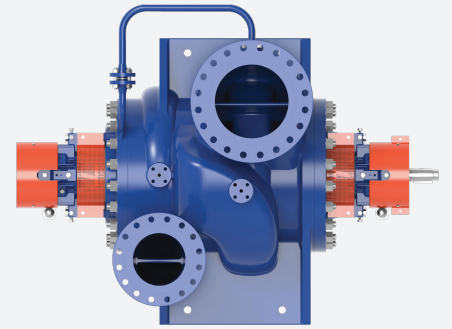
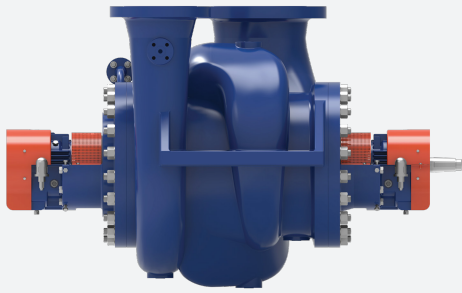
④ Single or Double suction impeller

⑤ Heavy-duty case suitable for 2x API nozzle loads

⑥ Bearing housing leverages common parts across all Trillium Flow Technologies between bearings pumps

⑦ Balance line to ensure both seals remain at equal pressure

⑧ Available with multiple nozzle configurations to suit all applications



OPTIONS

All API material options: S-4, S-5, S-6, S-8, C-6, A-8, D-1, D-2, and bespoke options
 Multiple nozzle orientation configurations
 API compliant bearing selections
 Specialist Options: Coke Crusher, High Temperature

MAIN APPLICATIONS

High Temperature Refining
 Hydrocarbon Transfer
 Boiler Feed Booster
 Pipeline Applications
 Vacuum Bottoms

OPERATING RANGE

Capacity: up to 6,000 m³/h,
 26,500 USGPM
 Head: up to 500 m, 1,475 ft
 Temperature: up to 427°C, 800 °F
 Speed of rotation: Up to 4,000 RPM

