

TRILLIUM FLOW TECHNOLOGIES

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

gabbioneta pumps 

 Termomeccanica
Pompe

API-610

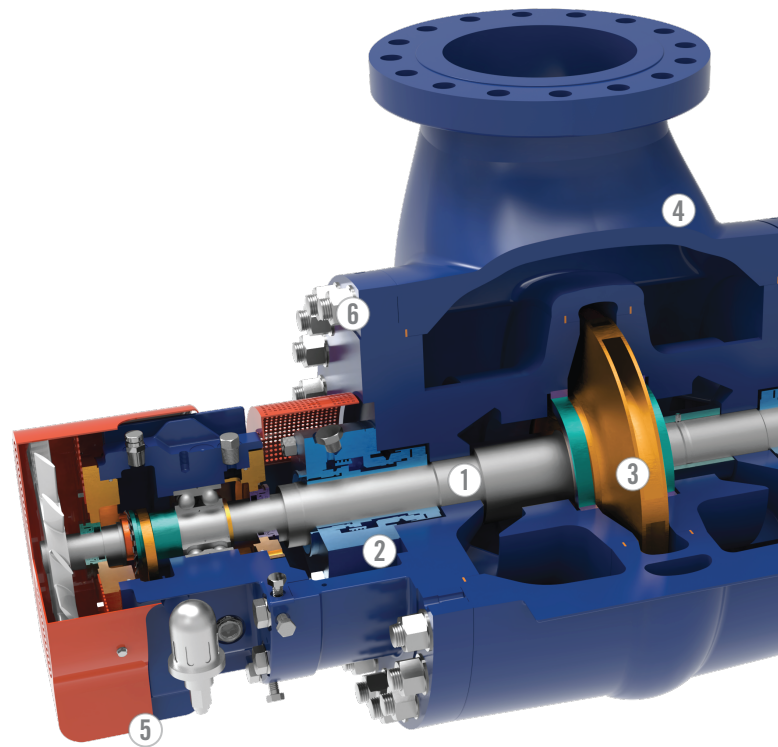
TYPE: BB2

TRILLIUM PUMP MODEL: DSA

OVERVIEW

Trillium Flow Technologies updated DSA pump range combines 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, single-stage, between-bearings, and centerline-mounted with a double suction impeller for enhanced NPSHr.



KEY FEATURES

Fully API 610 compliant

Integral case connections to avoid non-destructive testing

Optimized hydraulic coverage across BB2 applications

① Heavy-duty shaft to minimize rotor deflection and maximize uptime

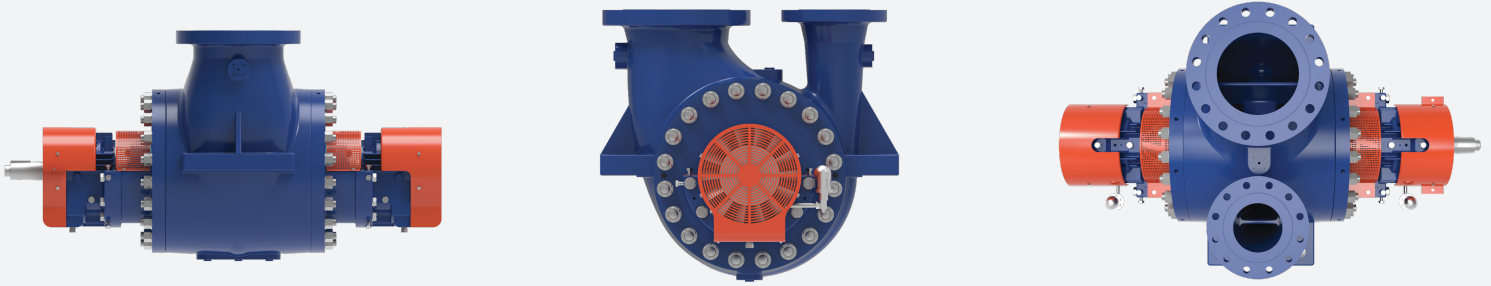
② API 682 compliant seal chamber

③ Double suction impeller

④ Heavy-duty case suitable for 2x API nozzle loads

⑤ Bearing housing leverages common parts across all Trillium Flow Technologies between bearings pumps

⑥ Single and double-cover options available



OPTIONS

All API material options: S-4,S-5,S-6,S-8, C-6,A-8,D-1,D-2, custom options available

Multiple nozzle orientation configurations

API compliant bearing selections

Specialist Options: Coke Crusher

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

The chart displays standard performance curves at 50Hz (light blue) and 60Hz (dark blue). Several custom units are available for applications beyond standard performance limits.

