

# HORIZONTAL, AXIALLY SPLIT, ONE OR TWO-STAGE, DOUBLE SUCTION IMPELLER, BETWEEN BEARINGS PUMP

API-610

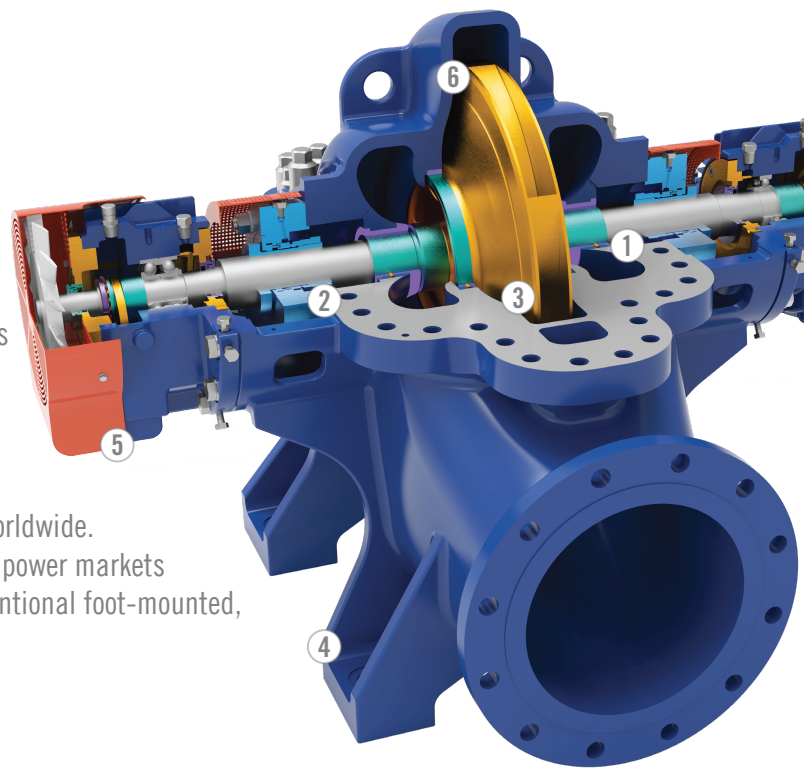
TYPE: BB1-IND

TRILLIUM PUMP MODEL: DD

## OVERVIEW

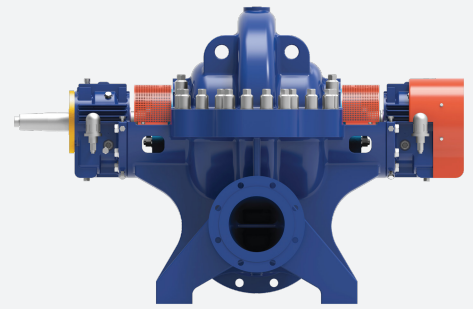
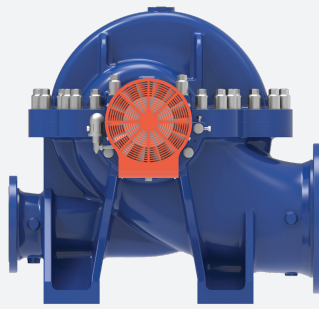
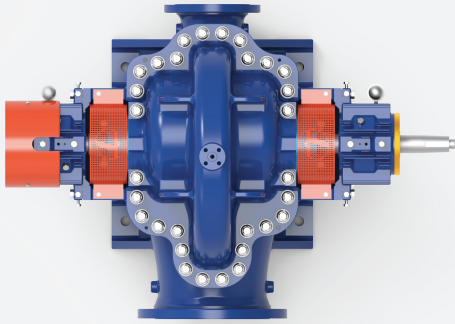
Trillium Flow Technologies' updated DD pump range combines the engineering excellence, innovation, and heritage of our Gabbioneta Pumps® and Termomeccanica Pompe brands.

Our expertise in designing and manufacturing BB1 pumps dates back to the 1960s, with thousands of units installed worldwide. This BB1 style pump range is designed for the industrial and power markets and is available in many different configurations, from conventional foot-mounted, single-stage, to two-stage and vertical configurations.



## KEY FEATURES

- ① Heavy-duty shaft to minimize rotor deflection and maximize uptime
- ② API 682 compliant seal chamber
- ③ Double suction impeller
- ④ Foot mounted case configuration
- ⑤ Bearing housing leverages common parts across all Trillium Flow Technologies between bearings pumps
- ⑥ Bespoke high efficiency hydraulics



## OPTIONS

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

Two-stage options for high head applications

Vertical configuration with product lubricated bearing available for select applications

High efficiency options with industry leading hydraulics

Composite wear parts, for improved efficiency and rotor dynamics

## MAIN APPLICATIONS

Water Transportation, Supply, & Distribution

Sea Water Desalination

Crude Oil Pipeline

Tank Farm Transfer

Booster Applications

## OPERATING RANGE

Capacity: up to 30,000 m<sup>3</sup>/hr, 132,000 USGPM

Head: up to 800 m, 2,625 ft

Temperature: up to 200°C, 392°F

Speed of rotation: Up to 6,000 RPM

