

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

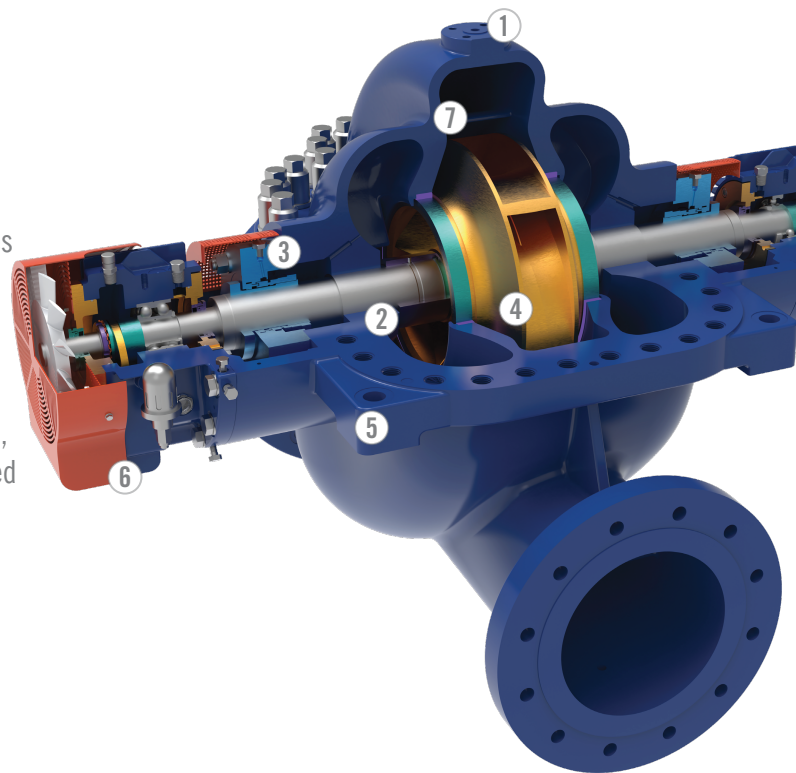
API-610

TYPE: BB1-API

TRILLIUM PUMP MODEL: AXD

## OVERVIEW

Trillium Flow Technologies' updated AXD 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 API-compliant BB1 pump range is axially split, one or two-stage, between-bearings, and is centerline-mounted with either a single or double suction first stage impeller.



## KEY FEATURES

API 610 compliant

① Integral case connections to avoid non-destructive testing

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

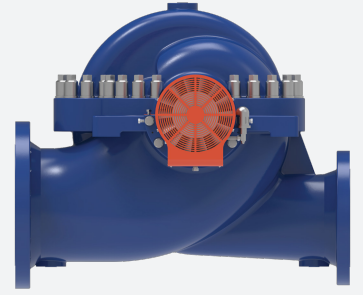
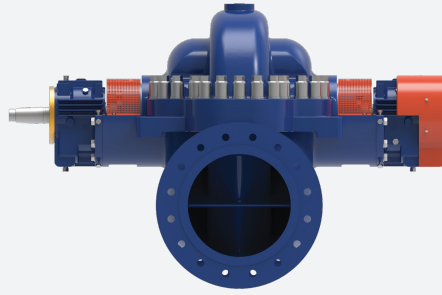
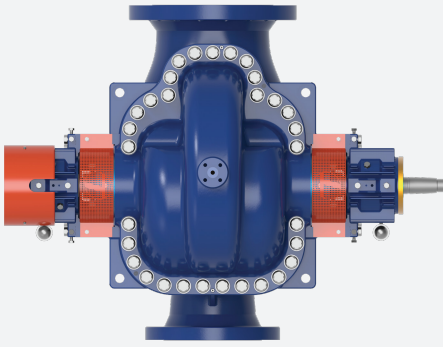
③ API 682 compliant seal chamber

④ Double suction impeller

⑤ Centerline mounted case configuration

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

⑦ 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 higher 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 800m, 2625 ft

Temperature: up to 200°C, 392°F

Speed of rotation: Up to 6,000 RPM

