



TRILLIUM FLOW TECHNOLOGIES

HORIZONTAL, RADIALY SPLIT, MULTI-STAGE, BACK-TO-BACK, BETWEEN BEARINGS PUMP

gabbioneta pumps 

 Termomeccanica Pompe

API-610

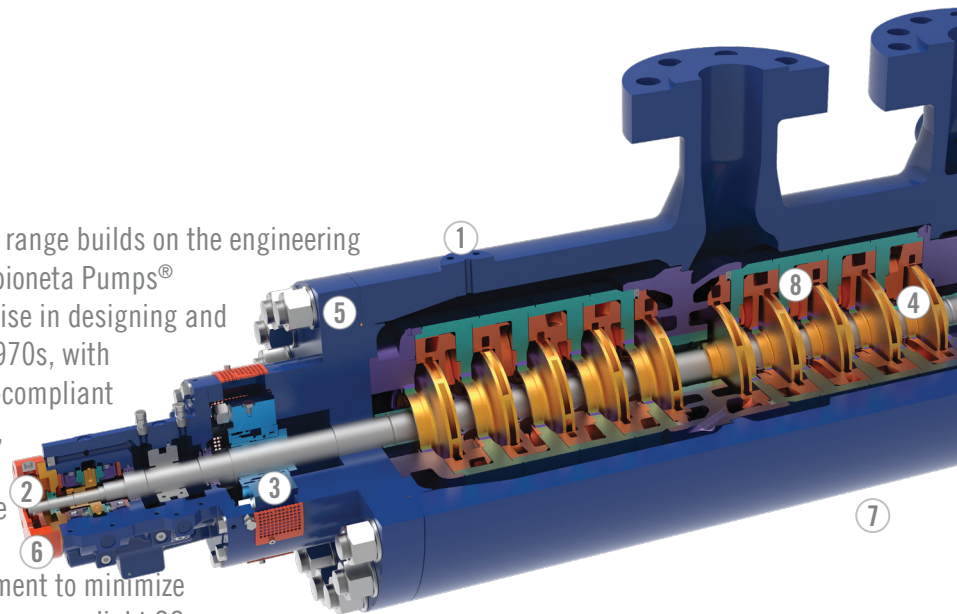
TYPE: BB5

TRILLIUM PUMP MODEL: AHPB

OVERVIEW

Trillium Flow Technologies updated AHPB pump range builds on the engineering excellence, innovation, and heritage of our Gabbioneta Pumps® and Termomeccanica Pompe brands. Our expertise in designing and manufacturing BB5 pumps dates back to the 1970s, with hundreds of units installed worldwide. This API-compliant BB5 pump range is a radially split, multi-stage, between-bearings, centerline-mounted pump with either a single or double suction first-stage impeller for reduced NPSHr.

The AHPB has a back-to-back impeller arrangement to minimize thrust loads and improve rotor dynamic performance on light SG applications. The design is available with bolted or shear ring end cover arrangements.



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

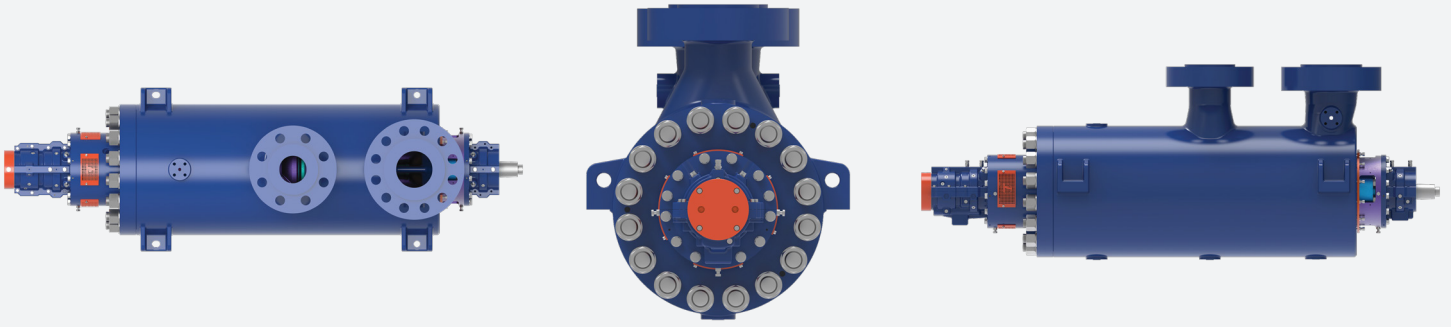
④ Single or Double suction impeller

⑤ Bolted or shear ring end cover arrangements

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 Back-to-back impeller arrangement



OPTIONS

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

Bolted or shear ring end cover arrangements

Composite wear parts, for improved efficiency and rotor dynamics

Specialist Options: High speed over 6000 RPM

MAIN APPLICATIONS

Water Injection

Crude Oil Transmission

Boiler Feed Water

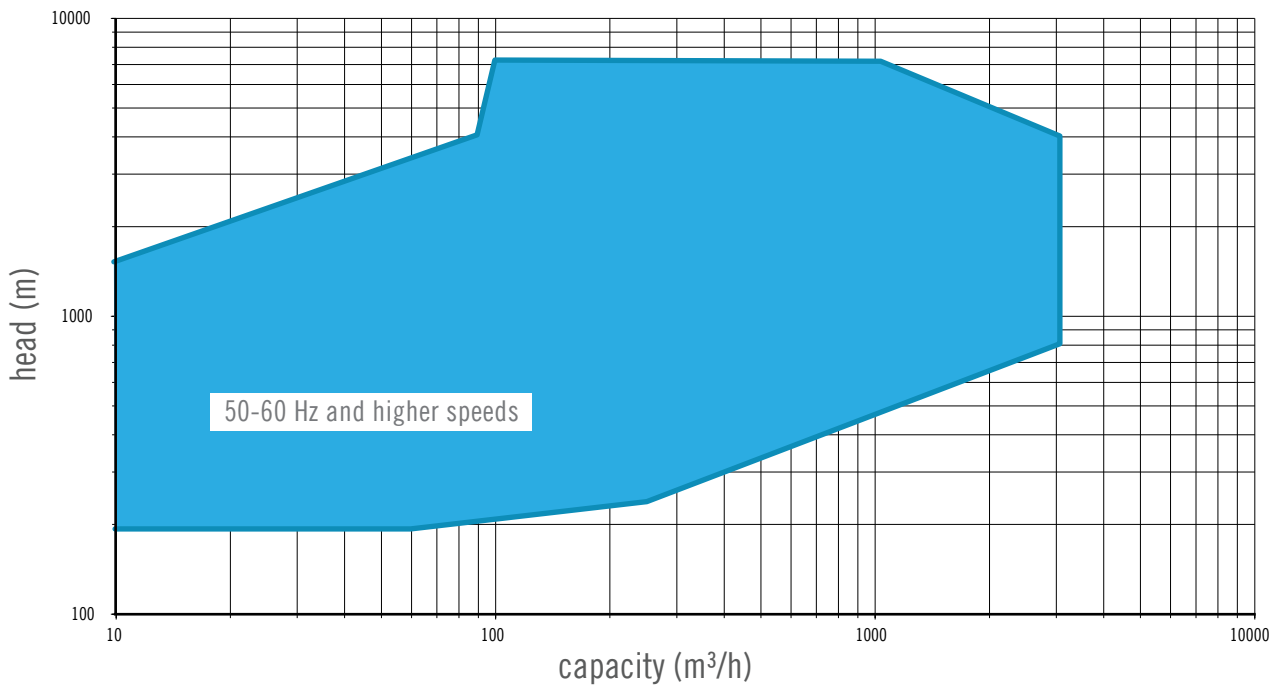
OPERATING RANGE

Capacity: up to 3,000 m³/hr, 13,100 USGPM

Head: up to 7,000 m, 23,000 ft

Temperature: up to 427°C, 800°F

Speed of rotation: Up to 6,500 RPM

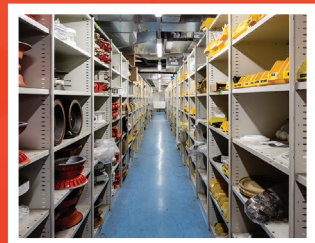


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WHY USE ALL-PUMPS?

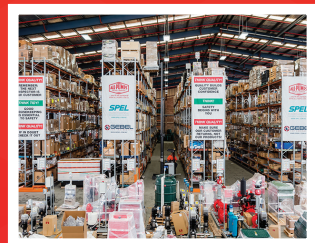
Locally
stocked
product and
spare parts



Trusted
application
expertise from
experience built
up since 1972



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engineering
capability for
turnkey
packages



Full
maintenance
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