

TRILLIUM FLOW TECHNOLOGIES

HORIZONTAL, RADIALY SPLIT, MULTI-STAGE, TIE BOLT, BETWEEN BEARINGS PUMP

API-610

TYPE: OH2

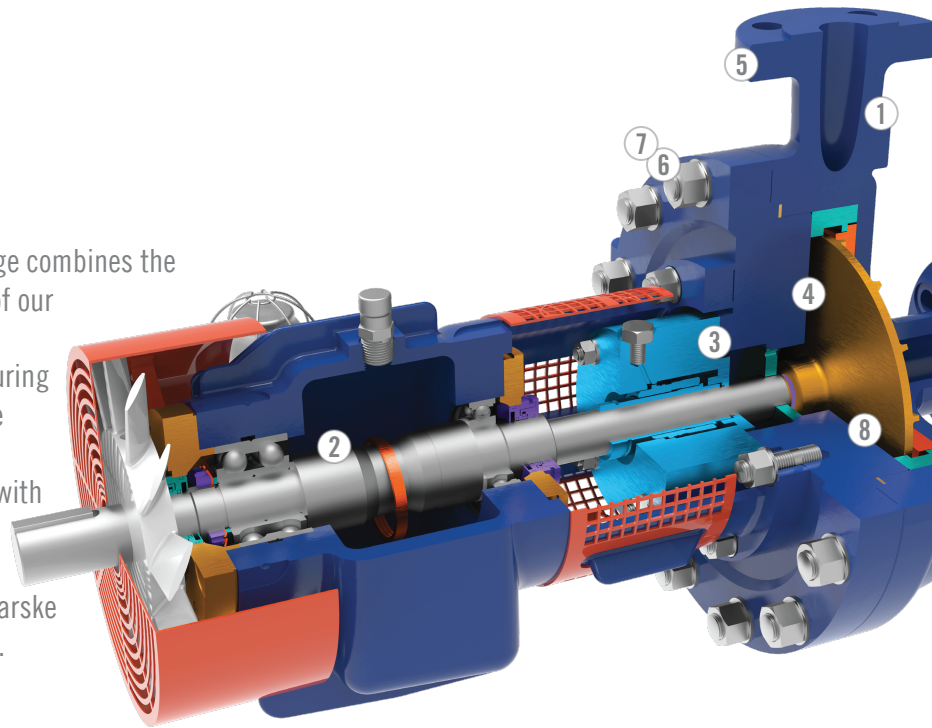
TRILLIUM PUMP MODEL: RL

gabbioneta pumps 

 Termomeccanica Pompe

OVERVIEW

Trillium Flow Technologies' updated RL pump range combines the engineering excellence, innovation, and heritage of our Gabbioneta Pumps® and Termomeccanica Pompe brands. Our expertise in designing and manufacturing OH2 low-flow, high-head pumps dates back to the 1960s, with thousands of units installed globally. This API-compliant RL pump range is engineered with a back pull-out design for ease of maintenance and maximum hydraulic flexibility; our OH2 pump excels across many applications and features a Barske style impeller for low flow, high head applications.



KEY FEATURES

Fully API 610 compliant

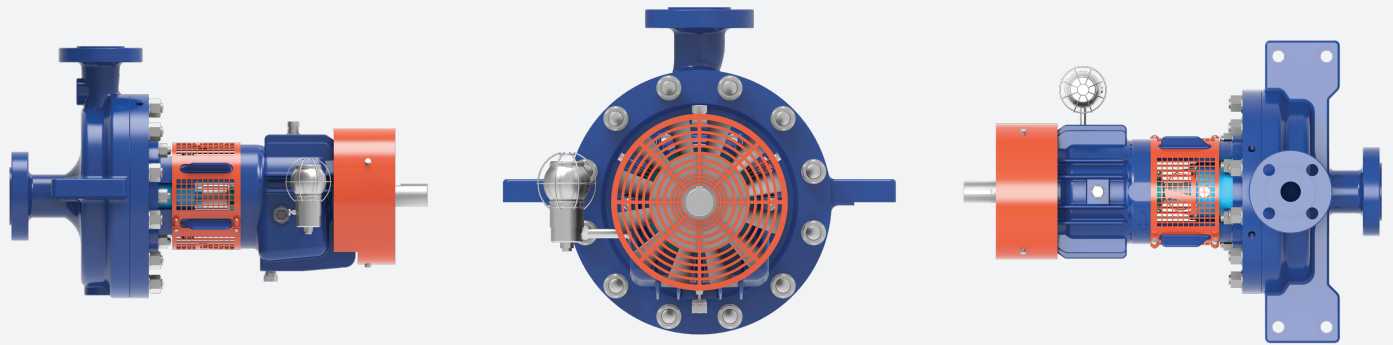
- ① Integral case connections to avoid non-destructive testing on larger frame sizes
- ② Heavy-duty shaft to minimize rotor deflection and maximize uptime

③ API 682 compliant seal chamber

- ④ Single impeller with optimized hydraulics to minimize NPSH requirements
- ⑤ Heavy-duty case suitable for 2x API nozzle loads

⑥ Back pull-out design for simple maintenance

- ⑦ Back pull-out design also allows quick hydraulic re-rates
- ⑧ Barske impeller for low flow, high head 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

High temperature alignment options

Bearing arrangements to accommodate oil, mist, purge mist, and various cooling configurations.

Magnetic coupling options also available

Specialist Options: Inducer, High Temperature Alignment

MAIN APPLICATIONS

High Temperature Refining

Hydrocarbon Transfer

Petrochemical Plants

Booster Applications

OPERATING RANGE

Capacity: up to 50 m³/hr, 220 USGPM

Head: up to 400 m, 1,300 ft

Temperature: up to 427°C, 800°F

Speed of rotation: Up to 4,000 RPM

