

TRILLIUM FLOW TECHNOLOGIES

# HORIZONTAL, RADIALY SPLIT, SINGLE-STAGE, OVERHUNG PUMP

gabbioneta pumps 

 Termomeccanica Pompe

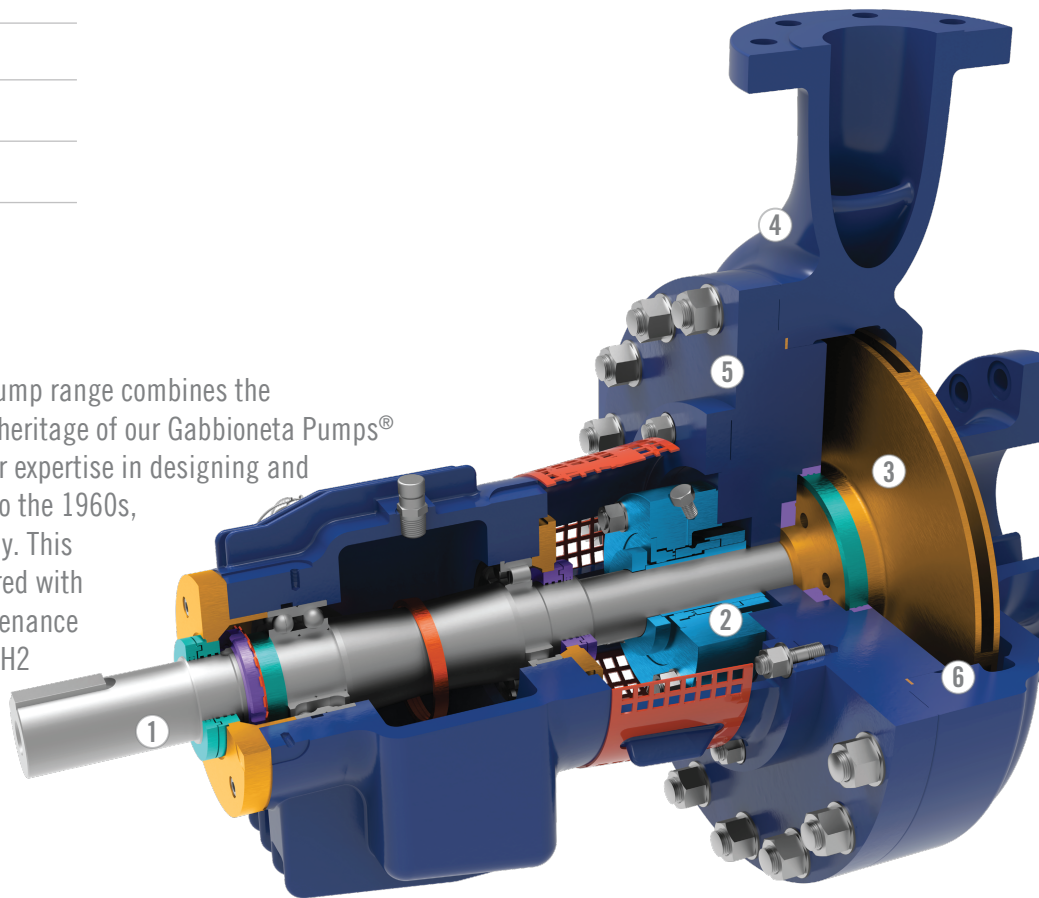
API-610

TYPE: OH2

TRILLIUM PUMP MODEL: R

## OVERVIEW

Trillium Flow Technologies' updated R pump range combines the engineering excellence, innovation, and heritage of our Gabbioneta Pumps® and Termomeccanica Pompe brands. Our expertise in designing and manufacturing OH2 pumps dates back to the 1960s, with thousands of units installed globally. This API-compliant R 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.



## KEY FEATURES

Fully API 610 compliant

Integral case connections to avoid non-destructive testing on larger frame sizes

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

② API 682 compliant seal chamber

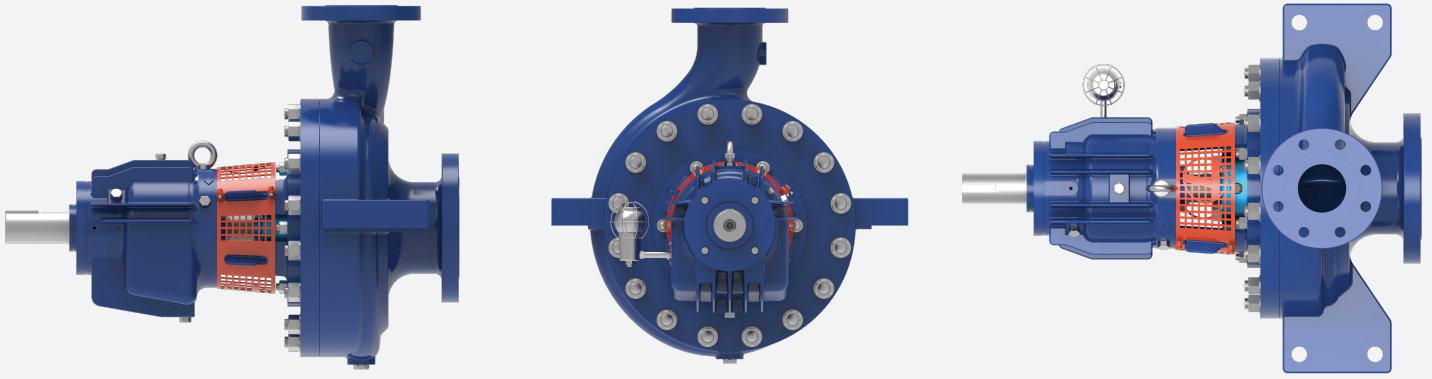
③ Single impeller with optimized hydraulics to minimize NPSH requirements

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

⑤ Back pull-out design for simple maintenance

⑤ Back pull-out design also allows quick hydraulic re-rates

⑥ Double volute to minimize radial thrust on most sizes (over 2" discharge)



## 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 4,000 m<sup>3</sup>/hr, 17,610 USGPM  
 Head: up to 400 m, 1,300 ft  
 Temperature: up to 427°C, 800°F  
 Speed of rotation: Up to 4,000 RPM

