

PRE

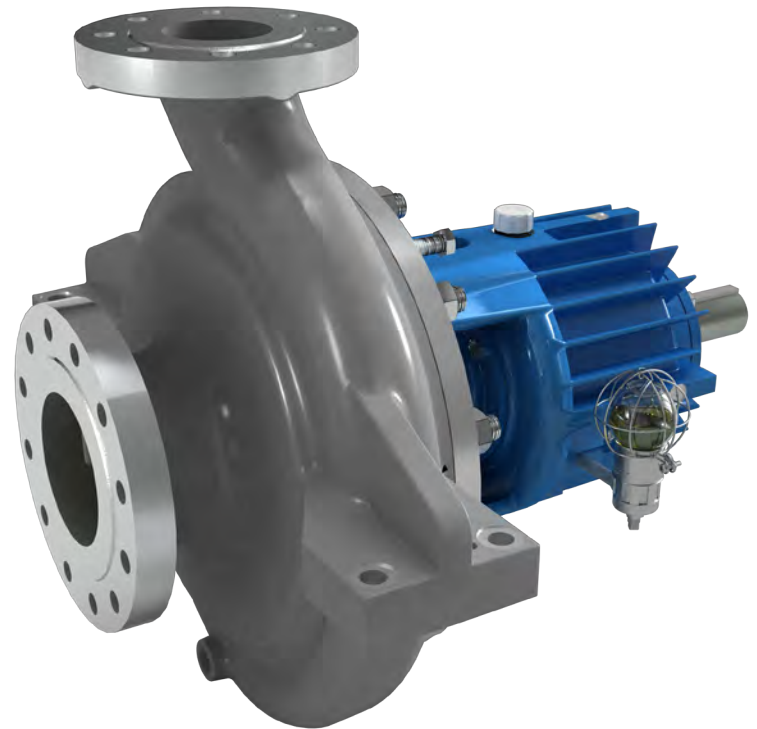
API 610 - OH2

API 610 (OH2) LATEST EDITION ISO13709

HEAVY DUTY CONSTRUCTION FOR
CLEAR, TOXIC, CORROSIVE, FLAMMABLE, HOT LIQUIDS

Design:

- / Flanges per ANSI B16.5
Other flanges standards upon request
- / Closed impeller provides high efficiency over a wide performances range while maintaining low NPSHr
- / Replaceable casing and impeller wear rings (front and back side)
- / Shaft sealed by cartridge mechanical seal + API flushing plans
- / Accessible Seal chamber per API682 and ISO21049
- / Heavy duty one-piece cast bearing frame to ensure optimal rigidity of the pump
- / Efficient airfins cooled bearing housings
- / Heavy duty stiff shaft for low deflection
- / Bearing frame sealed by deflector to prevent oil contamination. Inpro Seal or equivalent are available
- / Discharge size from 25 mm to 500 mm / 1 to 20 inches
- / High radial load roller bearing
- / Back-to-Back angular contact bearings handle high axial loads
- / Anti-vortex rib
- / Casing drain is standard
- / **Additional design:**
PRE Low Flow
PREK - PRESF : special design for slurry applications
PRECF : closed impeller with relief vanes
PRER - PRETR : reinforced design for high temperature and pressure



Performances:

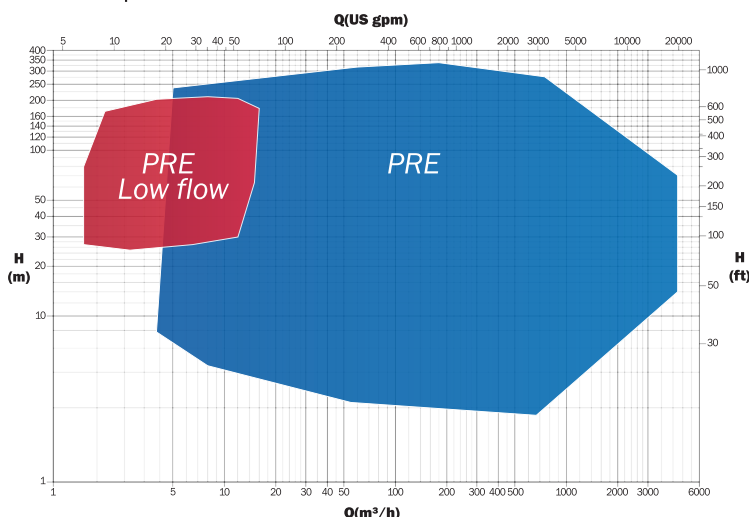
- / Capacity : up to 4500 m³/h (19,800 US gpm)
- / Total head : up to 320 m (1,050 ft)
- / Maximum operating pressure : 60 bar (870 PSI)
- / Temperature operating range :
from -90 to 400 °C (-130 to 752 °F)
- / Maximum speed : 3,600 rpm at 60 Hz
- / Higher capacities and heads upon request

Standard materials:

- / Materials per API standard:
S5, S6, C6, A8, D1, D2.
- / Other materials available upon request

Industrial applications:

- / Petrochemical industry
- / Oil and Gas
- / Offshore
- / General industry



API