

Design:

- / Casing designed per ASME Section VIII, Division 1.
- / Internal surfaces polished.
- / Antifriction bearings for small pump sizes
- / Thrust bearing by tilting pads with integrated exchanger for larger sizes.
- / Flanges following customers specifications
- / Mechanical seals designed to target a minimum service and a 5 year life expectancy.
- / Double (API plan 32 + 52/53C) or triple mechanical seal (API plan 32 + 53C + 52).
- / Common base plate for pump and motor with springs or pump hanging in the piping with cardan shaft coupling



Performances:

- / Flow : up to 18000 m³/h (79,260 US gpm)
- / Total head : up to 45 m (148 ft).
- / Maximum operating pressure : 100 bar (1,500 PSI)
- / Operating temperature range :
from - 40 °C to 200 °C (-50 °F up to 392 °F)
- / Higher flows and heads upon request

Standard materials:

- / Casing / Propeller : LTCS, S304L or 316L
- / Shaft: 42CrMo4 Steel or S304L or duplex stainless steel 22/6/3
- / Other materials available upon request

Industrial applications:

- / Polyolefins (PE and PP) industry