

# NORMALIZED CHEMICAL PUMP

FOR CLEAR, VISCOUS, FIBROUS AND STICKY LIQUIDS

# MFR

ISO 5199 - ISO 2858

## Design :

- / Construction in accordance with ISO 5199 and dimensions in accordance with ISO 2858.
- / Flanges PN16 - option PN20 (ANSI 150 lbs).
- / BACK PULL-OUT design : dismantling without disturbing piping or motor.
- / Suitable for severe continuous duties.
- / Bearing type : three rolling-contact bearings lubricated by oil or by grease as required.
- / Semi-open or closed impeller
- / Shaft fully protected from pumped liquid by shaft sleeve and O-ring.
- / Shaft seal by standard single, double, tandem or cartridge mounted mechanical seal.
- / Mechanical seal installation in open type stuffing box as standard.
- / Pressure in stuffing box controlled by impeller back vanes.
- / Low NPSHr.
- / Maximum interchangeability of parts throughout the series.
- / Most standard models available ex stock.
- / Adapter frame manufactured from 316 stainless steel upon request.
- / Heating or cooling jacket upon request.
- / Option : INPRO SEAL VBX



## Performances :

- / Flow : up to 780 m<sup>3</sup>/h (3,434 US gpm)
- / Total head : up to 160 m (525 ft)
- / Maximum operating pressure : 16 bar (232 PSI)
- / Temperature operating range : up to 180 °C (356 °F)
- / Maximum speed : 3,600 rpm at 60 Hz
- / Higher flows and heads upon request

## Standard materials :

- / Duplex SS : A743 CD4Mcu
- / Super Austenitic SS : A 743 CN7M
- / Cast iron : A48 class 35B
- / 30% chr. Cast iron A532 Class 3
- / Other materials upon request, titanium, Hastelloy, nickel...

## Industrial applications :

- For all industries
- / Chemical industry
- / Petrochemical industry
- / Steel industry
- / Desalination
- / Paper industry
- / Food industry

