

STANDARDISED CHEMICAL PUMP ISO 2858/5199 NP16 WITH CLOSED IMPELLER

For clear, toxic, corrosive liquids

● **Construction:**

- Construction comply with ISO5199, and ISO 2858
- BACK PULL-OUT design: dismantling without disturbing the piping or the motor
- Heavy duty construction
- Two rolling element bearings, oil or grease lubricated according to requirement
- Thrust bearing with Two ball bearing angular contact 7000 series
- Closed impeller with removable wear ring
- Shaft fully sleeve protected from pumped fluid
- Standard sealing with mechanical seal in open stuffing box.
- Sealing with standard single, double or tandem-mounted mechanical seal
- Pressure in stuffing box controlled by impeller back vanes
- Excellent efficiency
- Low NPSH characteristics
- Maximum interchangeability of components.
- Most standard models available on store
- Adapter frame in 316 SS in option
- Heating or cooling jacket upon request
- Flanges NP16 Option NP20

● **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...

● **Additional options:**

- With relief impeller ("packing expeller") for hydrodynamic sealing
- Closed type impeller with front and back vanes and front wear plate. For slurries and large heads
- Semi-open impeller with wear plate adjustable at standstill. For slurries and high flow-rates
- Heating of casing and/or stuffing box
- With inducer.

● **Industries:**

- Chemical industry
- Petrochemical industry
- Agro-food industry
- Steel industry
- Paper and fibres industry
- General services

● **Performances:**

- Capacity : from 2 to 400 m³/h or from 10 to 1,750 USgpm
- Total head : up to 150 m or 490 ft
- Maximum operating pressure : up to 20 bar or 290 PSI
- Temperature operating range : from -40 to 180°C or -40 to 356°F
- Maximum speed : 3,600 rpm at 60 Hz

