

NC-MR

HIGH CAPACITY STANDARDISED CHEMICAL PUMP WITH CLOSED IMPELLER

For clear, toxic, corrosive liquids



●Construction:

- Construction comply with ISO5199 extension, and ISO 2858
- BACK PULL-OUT design: dismantling without moving the process pipes 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, or back ring on impeller
- 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, Hastelloy, titanium, nickel...

●Additional options:

- With relief impeller ("packing expeller")
- Semi-open impeller
- Semi-open impeller, wear plate and relief impeller
- Casing with heating jacket
- Casing with heating jacket and relief impeller
- Hydrodynamic sealing, bearing provided with fly-weights
- Close-coupled vertical pump for dry-pit installation
- With special impeller for paper pulp
- For capacities larger than 5,000 m³/h, the NC series is complemented with a range of mixed flow pumps that can be quoted upon request.

●Industries:

- Chemical industry
- Petrochemical industry
- Food industry
- Steel industry
- Paper and fibres industry
- General services

●Performances:

- Capacity : from 60 to 6000 m³/h or from 260 to 26,000 U.S.gpm
- Total head : up to 250 m or 820 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

