

## Design:

- / Cast iron or stainless steel casing, other materials on request
- / Water circulation controller
- / Bare shaft or skidded
- / Impeller made of carbon steel or stainless steel, other material on request
- / Roller bearings, ball bearings, double taper roller bearing, depending on the application
- / Mechanical seal (simple or double)
- / Check valve on discharge
- / Suction and discharge manometer
- / Temperature and pressure switches on suction
- / Gas/water separator
- / Factory test with test report
- / Long conservation packing with nitrogen insulation
- / Engineering and documentation
- / Automation



## Performances:

- / Flow: up to 22 000 m<sup>3</sup>/h
- / Vacuum : up to 10 mbar (abs)
- / Pressure : up to 0.8 bar

## Standard materials:

- / Cast iron with nodular cast iron impeller
  - / 18/10/2.5 stainless steel\*
  - / 26/5/2+Cu stainless steel\*
  - / Other materials on request
- \*The values are the percentages in Cr/Ni/Mo.

## Industrial applications:

- / General vacuum
- / Coalmine gas from closed pits
- / Large test facilities, large flow pumps (space industry simulation tests)
- / Power station condensers
- / Metal surface treatment / vacuum coating
- / Process vacuum in chemical and nuclear industries
- / Vacuum drying
- / Vacuum extrusion and injection processes