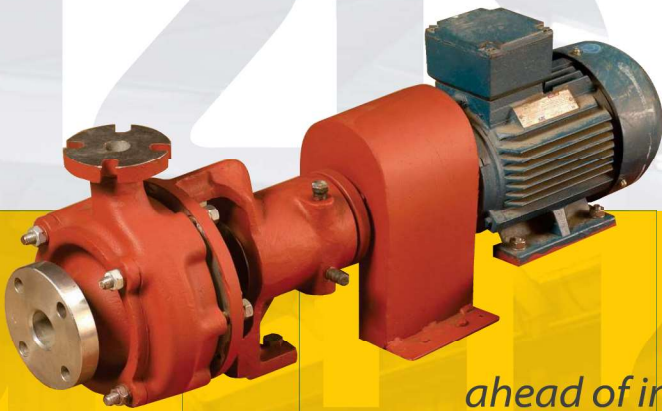


CENTRIFUGAL PUMPS ND & NG

Robust and proven



Nicro introduced both the ND and NG Centrifugal Pump range ahead of industry demands for a South African designed and manufactured process pump with features that plant engineers identified to enhance performance, ease of maintenance and cost efficiency.

The Nicro range of pumps are back pull-out pump with either an open or closed reverse vane impeller and only two or three different sized power ends (depending on series) to cover the full range. The interchangeability allows users to reduce stock levels and the finance tied up in them

SS

Supplied in a range of ferrous stainless steel materials and high nickel alloys to suit the product being pumped.

NICRO
INDUSTRIAL

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✓ Advantages

- > *The rotating assembly and power end can be removed for maintenance in the workshop, without removing pipework and casing*
- > *With the use of a simple dial gauge, critical impeller clearances can be set up on both of our ND and NG pump ranges*
- > *Pumping against the rear cover plate reduces wear on the casing, increasing the life span*
- > *The flat face of the the rear cover on which the wear is the worst, can be machined easily and up to 3mm of material can be removed before replacement is necessary*
- > *Machining rather than replacement, offers a financial saving of up to 25%*
- > *Attaching the impeller directly to the shaft, which tightens under normal operation eliminates turbulence*

CENTRIFUGAL PUMPS

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ND Centrifugal Pumps



NG Centrifugal Pumps



Operating Parameters

- Two ranges i.e. ND1 & ND2
- ND1 flow / head - can handle up to 40m³/h and 50m head for different models
- ND2 flow / head - can handle up to 200m³/h and 150m head for different models
- Both ranges can handle hot mediums up to 100°C
- Both ranges can run to a maximum of 2900 rpm

Features

- Easy external micrometer impeller adjustment
- Back pullout design
- Impeller sizes vary from 150 to 325mm
- Closed impeller
- Double row outboard, single row inboard ball bearings
- Bearing housings fit various size pumps (2 sizes)
- Pumps can either be gland packed or a mechanical seal can be fitted
- Pump components available in a wide range of materials
- Both pump ranges also available in vertical spindle design
- Completely made in South Africa

Applications

- Pump liquids with small particle sizes and lower density
- Suitable for process pumping applications
- Can handle:
 - > Water
 - > Acid
 - > Chemicals
 - > Light slurries
 - > Process liquids
 - > Fertilizer
 - > Sugar industry fluids
 - > Oils

Operating Parameters

- Two ranges i.e. ST & MT
- ST flow / head - can handle up to 40m³/h and 50m head for different models
- MT flow / head - can handle up to 200m³/h and 150m head for different models
- Both ranges can handle hot mediums up to 100°C
- Both ranges can run to a maximum of 2900 rpm

Features

- Easy external micrometer impeller adjustment
- Back pullout design
- Impeller sizes vary from 150 to 325mm
- Open impeller
- Double row outboard bearing, single row inboard ball bearing
- Bearing housings fit various size pumps (2 sizes)
- Pumps can either be gland packed or a mechanical seal can be fitted
- Pump components available in a wide range of materials
- Both pump ranges also available in vertical spindle design
- Completely made in South Africa

Applications

- Pump liquids with bigger particle sizes and higher density
- Suitable for process pumping applications
- Can handle:
 - > Water
 - > Acid
 - > Chemicals
 - > Heavy slurries
 - > Process liquids
 - > Fertilizer
 - > Sugar industry fluids
 - > Oils

Note:

Various applications, sizes and specifications required by the customer can be forwarded to our sales department. This will ensure our customers benefit from a tailored Nicro Pump selection and solution, which will meet and add value to your organisation's daily operation. Nicro has a policy of continual research and development, and reserves the right to change data without notice.