

NM

End Suction Centrifugal Pumps



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Suction Flange	DN 50 DN 400
Discharge Flange	DN 32 DN 350
Operating Pressure	10 Bar
Speed Range	1000 - 3600 RPM
Capacity Range	5 – 3500 m ³ /h
Head Range	5 – 105 m



Fields of Applications

Water supply and booster stations,

Irrigation, overhead irrigation and draining,

Circulating of hot and cold water in central heating and air-conditioning installations,

Pumping of condensate,

For industrial applications and public services.

Design Specifications

Single-stage, end suction, centrifugal type pumps.

Main dimensions according to EN 733.

Single entry, closed impeller is hydraulically thrust compensated and dynamically balanced.

Pump and motor are separate components, connected to each other via a flexible coupling and mounted on a common base plate.

Maintenance is very much easier, the impeller shaft and other rotating parts being removable with no need to disconnect the suction and delivery pipes.

By utilizing an extension coupling, it is possible to dismantle the pump without moving the driver or the casing.

Maximum interchangeability of components, identical parts can be used with various sizes of a pump, which greatly simplifies and reduces stock of spare parts.

Sealing Applications

As standard, pumps are equipped with a conventional packed gland and a lantern ring to provide water sealing and packing lubrication. Mechanical seals are available upon request.

Uncooled stuffing box without shaft sleeve is standard (Up to 90 °C).
Uncooled mechanical seal with or without shaft sleeve is optional (Up To 90 °C).
Water cooled stuffing box or mechanical seal is optional (90 – 140 °C).

Bearings

NM series pumps can be self-greased or oil-lubricated depending on the model. However, larger models are manufactured only with oil lubrication. For detailed information, please contact our sales representatives.

Pump Tagging

NM **50 – 250**

Series Name _____

Discharge Flange Nominal Diameter (mm) _____

Impeller Nominal Diameter (mm) _____

PART	MATERIAL					
	Cast Iron GG25	Ductile Cast Iron GGG40	AISI 420	AISI 304	AISI 316	Cast Bronze CuSn10
Pump Casing	●	○		○	○	○
Stuffing Box	●	○		○	○	○
Impeller	●	○		○	○	○
Gland	○	●		○	○	○
Wearing Ring*	○	○		○	○	●
Shaft			●	○	○	
Shaft Sleeve*			●	○	○	
Bearing Housing	●					
Bearing Cover	●					

● Standard Material ○ Optional Material

* Wearing Rings and Shaft Sleeves are upon request.

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