



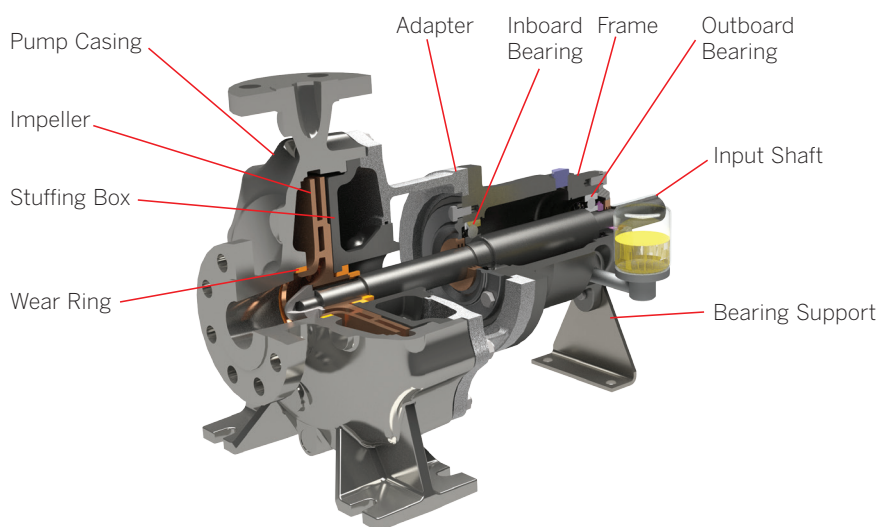
## ISO 5199/2858 End-Suction Single Stage Centrifugal Pumps

General duty process chemical pump for flows up to 1000 m<sup>3</sup>/hr and heads to 150 m

The ND model ISO 5199/2858 is a direct drive sealed horizontal pump. The pump is designed to meet the industrial standards providing reliable solutions on engineered processes.



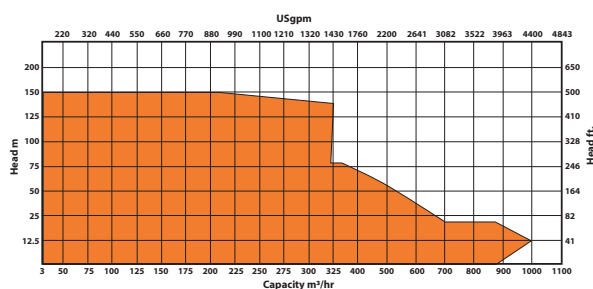
### Marelli Model ND, ISO 5199 / 2858



Recent upgrades specifically designed for Process Engineering Solutions

- Versatile options on baseplates to fit site requirements.
- High standardization on pump parts to maximize interchangeability and reduce inventory.
- Consistent performance by using semi-open impeller designs.
- Seal Chamber to install API 682 latest edition Mechanical seal.

### Marelli Model ND

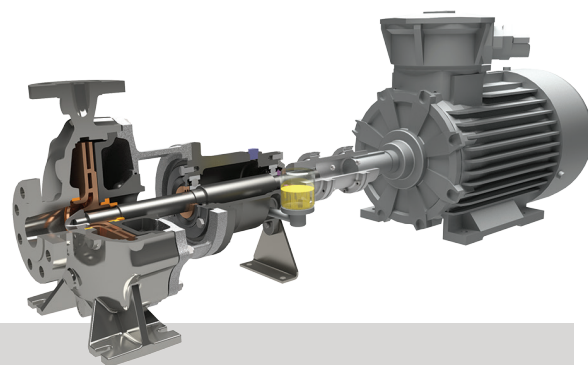


## ISO Standard for Project Execution

When site processes demand complex requirements, the Sundyne Marelli ND covers the most difficult duties and fluid conditions (solids, temperature, working pressures) including customized documentation packages required on projects including dedicated test performance.

## Sump Type Vertical Execution

The pump may also be mounted in a vertical position. It's designed to be assembled on an open pit or closed tank with a restricted footprint. The vertical pump has the same advantages as the robust horizontal pump (interchangeability, seal chamber, etc.)



### Typical Applications

Chemical Process  
Bio-diesel  
Bioethanol  
Condensate  
Petrochemical  
Oils  
Heat Transfer Fluids  
General Service Industry

### 50 Hz Specifications

<b>Heads to</b>	150 m
<b>Flows to</b>	1000 m3/hr
<b>Standards</b>	ISO 5199 / ISO 2858
<b>Maximum Motor Power</b>	250 kW
<b>Temperature Range</b>	-50 to 250°C
<b>Maximum Allowable Working Pressure</b>	20 bar (higher pressures on request)
<b>Maximum Suction Pressure</b>	18 bar (higher pressures on request)
<b>Mounting Configuration</b>	Horizontal / Vertical
<b>Seal Configurations</b>	Single, Double, Tandem, API 682 Cartridge
<b>Available Features</b>	Inducer, heating casing/stuffing box, cooling casing/stuffing box/frame, reinforced frame
<b>Speed Range</b>	1500/2900 >2900 (VSD)
<b>Materials of Construction</b>	Stainless Steel (other materials on request)
<b>Bearing Type</b>	Ball / Roller Bearings
<b>Frequency</b>	50 / 60 Hz
<b>Certifications</b>	ATEX, CUTR, ASME B73.1



Questions?  
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