

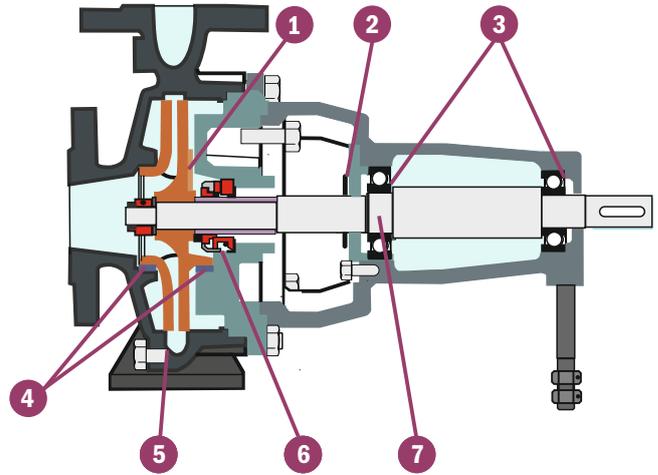


## Centrifugal Pumps

### NE Range High Performance Water Pumps

#### DESIGN SUMMARY

<b>Standards</b>	DIN 24255/EN 733/ERP
<b>Configuration</b>	Horizontal long coupled
<b>Motors</b>	IE2, IE3
<b>Seal Type</b>	Single mechanical



#### SPECIFICATIONS

<b>Maximum Temp</b>	130 °C
<b>Minimum Temp</b>	-10 °C
<b>Max Flow</b>	2,000 m <sup>3</sup> /hr
<b>Max Head</b>	100 m
<b>Max Pressures</b>	10 bar total system
<b>ATEX</b>	Yes

#### MATERIALS

	Standard	Options
<b>Rear Casing</b>	Cast Iron	
<b>Front Casing</b>	Cast Iron	
<b>Impeller</b>	Cast Iron	Bronze 304 SS
<b>Shaft</b>	Carbon Steel	AISI 420
<b>Wear Rings</b>	Cast Iron	Bronze
<b>Seal</b>	SiC/SiC/EPDM	SiC/SiC/Viton Cooling Chamber Flushing

#### DESIGN FEATURES

NE boast over 40 years service history. They have been designed to be robust and offer high pumping efficiency and low NPSH requirements.

- 1 Dynamically balanced impellers without balancing holes susceptible to blockage.
- 2 Thrower to reduce condensation formed on the shaft from passing to the bearing areas.
- 3 Grease lubricated bearings.
- 4 Removable wear rings.
- 5 Pump chamber drain.
- 6 Mechanical seals as standard with options for cooling chambers or flushing.
- 7 Robust oversized shaft to give good rigidity.

The NE range is complimented by the AquaRange for close coupled models and NA for lower cost long coupled models.



## NE - Performance Curves

1450 rpm

