

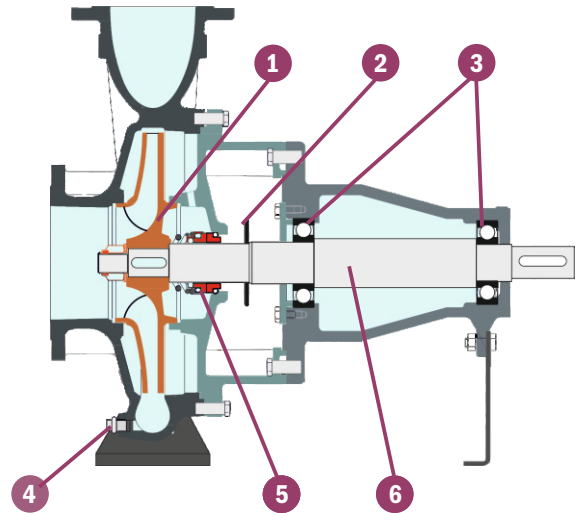


## Centrifugal Pumps

### NA Range General Duty 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>	600 m <sup>3</sup> /hr
<b>Max Head</b>	95 m
<b>Max Pressure</b>	10 bar total system
<b>ATEX</b>	No

#### DESIGN FEATURES

NA 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 Throwing ring to reduce condensation formed on the shaft from passing into the bearings.
- 3 Oil lubricated bearings.
- 4 Pump chamber drain.
- 5 Mechanical seals SiC/SiC/NBR as standard with options for alternative types.
- 6 Robust oversized shaft to give good rigidity.

#### MATERIALS

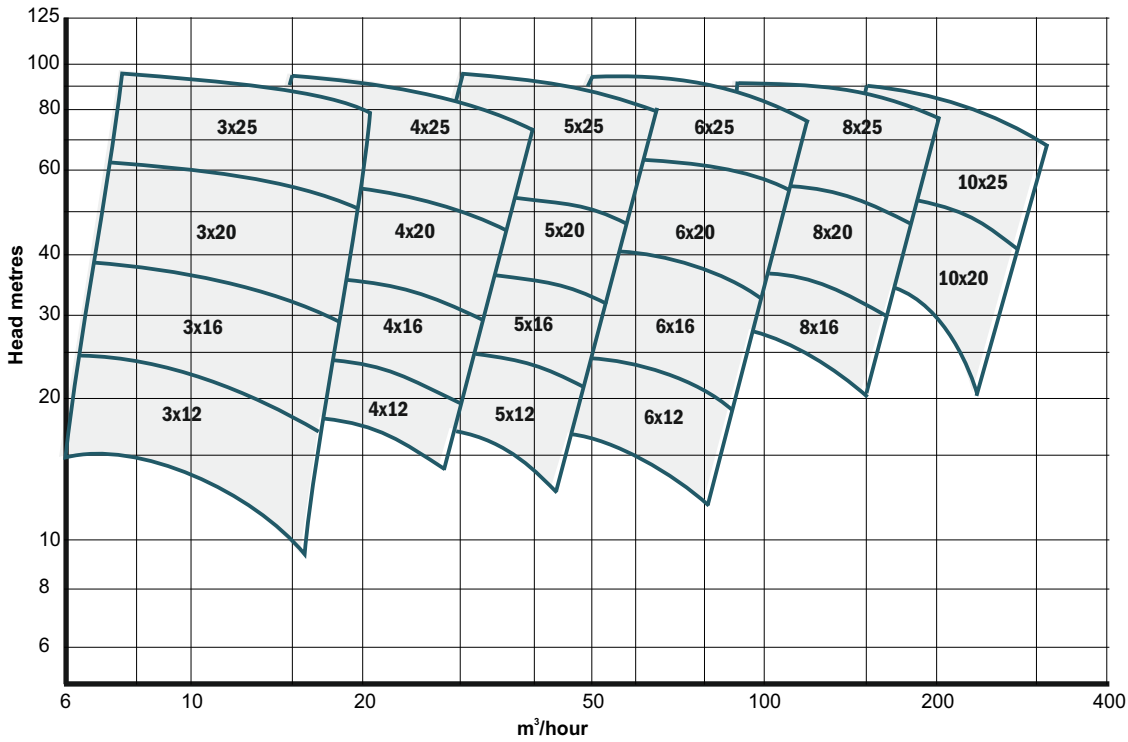
	Standard	Options
<b>Rear Casing</b>	Cast Iron	
<b>Front Casing</b>	Cast Iron	
<b>Impeller</b>	Cast Iron	Bronze 304 SS
<b>Shaft</b>	AISI 420	
<b>Seal</b>	SiC/SiC/NBR	SiC/SiC/Viton SiC/SiC/EPDM

The NA range is complimented by the AquaRange for close coupled models and NE for higher flows and ATEX constructions.



# NA - Performance Curves

2900 rpm



1450 rpm

