

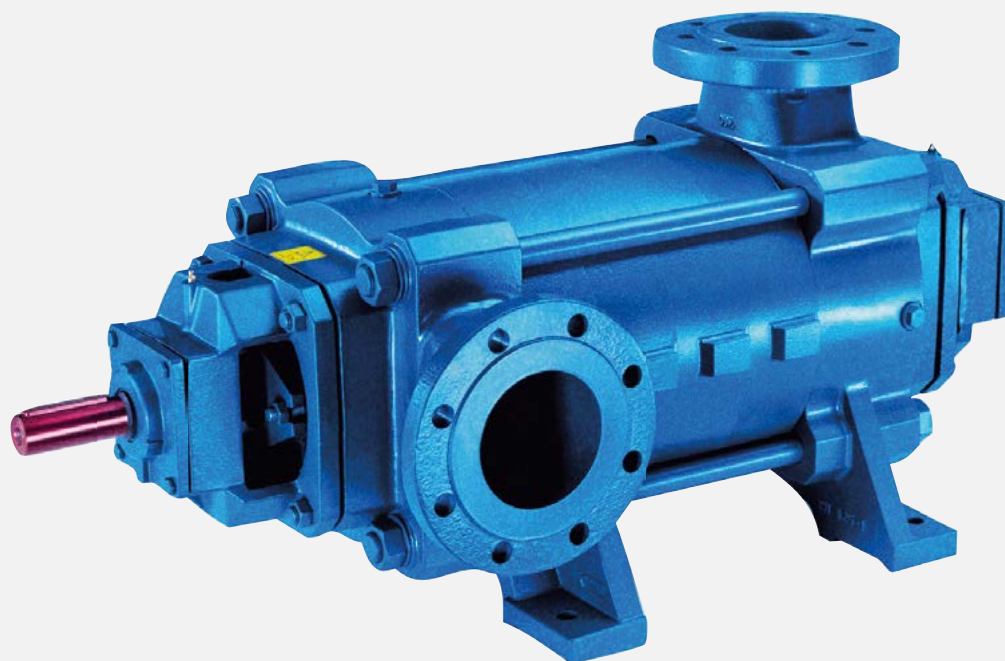
# HIGH PRESSURE CENTRIFUGAL PUMPS

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## MHC

Non-selfpriming multistage high pressure centrifugal pump  
in horizontal design

For the pumping of clear and slightly contaminated liquids in:  
pressure boosting systems, central heating, cold and hot water circulation, water supply systems,  
the chemical and petrochemical industry, shipbuilding, the mining industry, power stations,  
filter units, fire extinguishing plants and irrigation plants



- high efficiency
- low-noise operation
- modular construction
- optimal adjusting to the operating point
- exchangeable shaft sleeves
- use of high grade material
- little maintenance necessary
- easy to service

## MHC

### LIQUIDS

Fresh water, drinking water, boiler feed water, process water, sea and brackish water, hot water, condensate, acids, lyes, etc

### MATERIALS

Depending on the requirements of the liquids or the customers' requests, available in cast iron, spheroidal cast iron, bronze, stainless steel, duplex or super-duplex

### TECHNICAL DATA

● <b>Capacity</b>	up to 575 m <sup>3</sup> /h (2.531 USGPM)
● <b>Head</b>	up to 1.000 m (3.280 ft)
● <b>Speed</b>	up to 3.500 rpm
● <b>Temperature</b>	up to 140 °C (284 °F)
● <b>Casing Pressure</b>	max. 100 bar
● <b>Shaft Sealing</b>	Gland packing or mechanical seals*
● <b>Lubrication</b>	Slide bearings grease lubricated
● <b>Flange</b>	Discharge branch: from DN 50 to DN 150 Suction flange: DIN 2534, PN 25 or DIN 2535, PN 40 Discharge flange: DIN 2535, PN 40 or DIN 2546, PN 64 or DIN 2547, PN 100

\* according to product profile