

MCKARLEN

MKF SERIES

Horizontal Single Stage EN 733 Pumps



Pump Code

MKF 100 - 250

- Nominal Impeller Diameter (mm)
- Discharge Flange (DN)
- Pump Type

GENERAL INFORMATION

Discharge Flange	DN 32 - DN 250
Capacity	up to 1700 m ³ /h
Head	up to 100 m
Working Temperature	From -25 °C to +140 °C*
Casign Pressure (Pmax)	10 bar (16 bar)*

(Pmax: Suction Pressure + Shut off Head)

(*) Depending on the type of liquid, operating temperature and pressure. The pump material changes. Please contact our company for detailed information.

Applications

Water Treatment and Pressurization	Power Plants
Heating, Ventilating and Air Conditioning	Oil Industry
Agricultural Irrigation and Drainage	Chemical Industry
Food and Beverage Industry	Mining
Iron and Steel Industry	Marine
Building System	Fire Fighting

Transferable Liquids

- Clean or slightly contaminated low viscosity liquids without solid & fibrous particles.

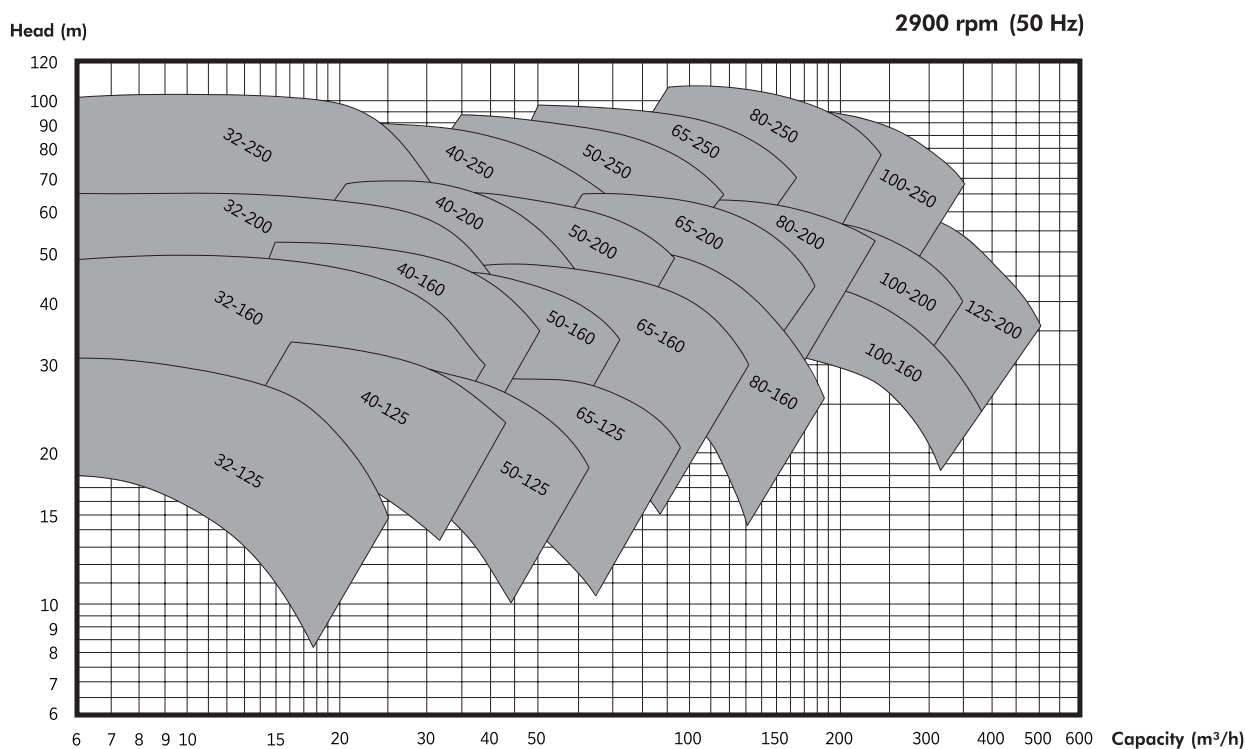
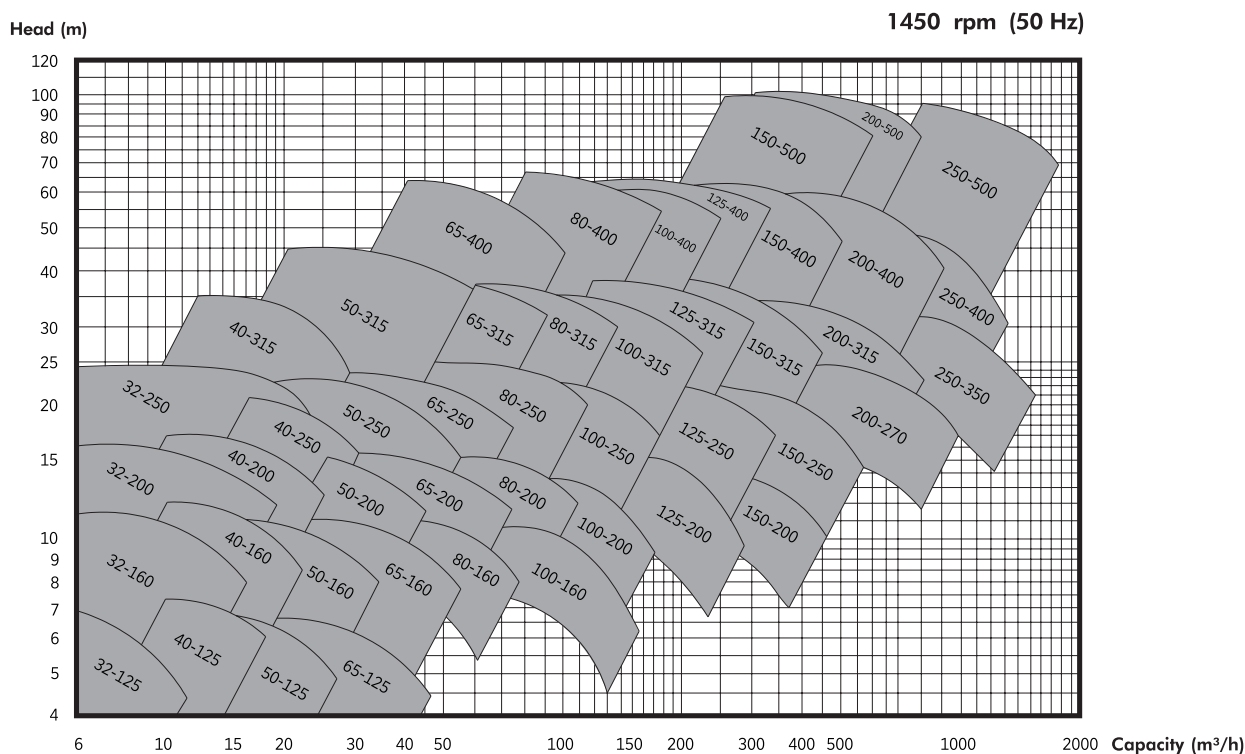
Shaft Sealing

- Soft packing is used in standard production.
- It is possible to use mechanical seal according to customer request or type of liquid.

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Design Features

- MKF series pumps have designed for pumping non-abrasive and small particulars liquids.
- MKF series pump has just one impeller, pump and motor is connecting by coupling. It gives your advantages for easy disassembling.
- Pump Dimensions are according to EN 733 - DIN 24255 standard.
- Suction and discharge flanges according to EN 1092-2 / PN 16.
- MKF series have a closed impeller, impeller blades located between the balancing holes to minimize the axial load is taken in dynamic load balancing.
- Sealing is provided by gland packing. Sealing is provided by also mechanical seal as customer request.
- Easy disassembly to pump and change impeller, bearings, and seals.
- All impellers are statically and dynamically balanced according to ISO 1940 class 6.3.
- In addition to 29 models, 10 complementary models are designed in according to EN 733 standards. The main dimensions of complementary models may different from other manufacturers.
- Direction of rotation is clockwise viewed from the driver end.
- Optionally, pumps can be manufactured with shaft bushings and/or wear rings.



Specifications can be changed without notice