



Pump • Fire Fighting Units • Booster Set

SKM-E MULTISTAGE PUMPS (END SUCTION)



SKM-E Rev11 09.2021



Handled Liquids

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

Technical Data

Discharge Flange _____ DN 40....DN 150 mm

Capacity _____ up to 400 m³/h

Head _____ up to 450 m

Speed _____ up to 2900 rpm

Design Temperature _____ -10°C up to +140 °C*

Casing Pressure (Pmax) _____ 30 bar (63 bar)*

(Pmax: Suction Pressure + Shut off Head)

(*) The Material of pumps differ according to the type of pumped liquid, operating temperature and pressure. Contact for detailed information.

Design Features

- Horizontal ring section, multistage, centrifugal pumps with closed impellers and diffusers in end suction design.
- 7 Models from DN 40 up to DN 150 discharge flange diameter.
- Suction nozzle flanges conform to EN 1092 - 2 / PN 16 and discharge nozzle flanges conform to EN 1092 - 2 / PN 40 (PN 63) (For steel or stainless steel casing pumps, flanges conform to related pressure class ratings defined in EN 1092 - 1)

Pump Designation

Pump Type _____

Discharge Nozzle (DN-mm) _____

Number of Stages _____

SKM-E 100 / 6

- Discharge flange is on top for standard production, upon request different discharge flange positions can be applied.
- All impellers are balanced dynamically or statically according to ISO 1940 class 6.3.
- Axial thrust is balanced by impeller balancing holes system.
- Direction of rotation is always counter clockwise viewed from drive end. That's why these pumps can not be accoupled directly with diesel engines.
- Bearings of SKM-E type pumps are grease lubricated. Journal bearing used in the suction side is lubricated by the pumping liquid.

Shaft Sealing

- In standard production soft packing application is applied up to 110 °C. Between 110 °C and 140 °C soft packing may also applied together with the stuffing box cooling.
- Pumps with mechanical seal can also be manufactured upon request.

