KME

Multistage Horizontal Shaft Centrifugal Pumps

masdaf

KME Multistage Horizontal Shaft Centrifugal Pumps

Suction Flange	DN 100 .... DN 250
Discharge Flange	DN 80 .... DN 200
Operating Pressure	40 Bar
Speed Range	1500 – 1800 RPM
Capacity Range	30 – 800 m^3/h
Head Range	30 – 480 m

Fields of Application

Drinking water stations,

In high-rise buildings and industrial pressurization systems,

Water treatment stations,

In boiler feed and condensate systems,

In the sanitary and cleaning sectors,

Water distribution systems,

In shipping, mining and energy sectors,

In irrigation systems,

In central heating systems.

Design Specification

KME series pumps are horizontal shaft, multistage, non-self-priming, centrifugal pumps with separable stage casings.

The pump impellers are dynamically balanced, single-entry, closed-type impellers, with the shaft bearing the impellers on both sides. Impellers can be trimmed to meet the desired operating point.

Wear rings and balancing holes are used behind the impeller to balance the axial force. Balancing discs and drums are used for stages where high pressures are reached.

In a standard installation, viewed from the motor side, the discharge casing is positioned on the motor side with its flange on top, while the suction casing is on the other side with its flange on the left. Other mounting options are available upon request.

The suction and discharge flanges can be positioned on the left, right, or top. Upon special request, the suction casing can be placed on the motor side. In this case, the motor rotation direction must be counterclockwise.

Sealing Applications

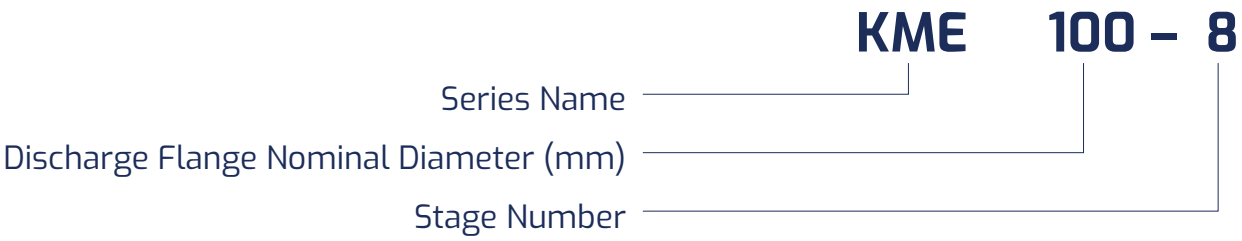
Uncooled packing is standard up to 90 °C. Uncooled mechanical seals can be used up to 90 °C. Water-cooled mechanical seals can be used between 90 °C and 140 °C. Double and cartridge-type mechanical seals can be used.

Bearings

Double row angular contact ball bearings are used on the suction side (3300 Series).

Cylindrical roller bearings are used on the discharge side (NU 300 Series).

Pump Tagging



PART	MATERIAL					
	Cast Iron GG25	Ductile Cast Iron GGG40	AISI 420	AISI 304	AISI 316	Cast Bronze CuSn10
Suction & Discharge Casing	●	○		○	○	○
Stage Casing	●	○		○	○	○
Impeller	●	○		○	○	○
Diffuser	●	○		○	○	○
Gland		●		○	○	○
Shaft			●	○	○	
Shaft Sleeve			●	○	○	
Stuffing Box	●	○		○	○	○
Bearing Housing	●	○				
Bearing Cover	●	○				

● Standard Material ○ Optional Material

masdaf

Making The World Better!

Customer Service
+90 850 888 8 627

Orta Mahallesi Atayolu Caddesi
No:16 Tuzla - İstanbul / Türkiye

masdaf.com