

KMU

Multistage Horizontal Shaft Centrifugal Pumps



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Suction Flange	: DN 25 ... DN 50
Discharge Flange	: DN 25 ... DN 50
Operating Pressure	: 25 Bar
Speed Range	: 3000 – 3600 RPM
Capacity Range	: 1 – 16 m ³ /h
Head Range	: 20 – 200 m



Fields of Applications

High-pressure water supply systems with small-scale flow rates in residential and commercial buildings,

Water distribution and high-pressure water supply systems in industrial facilities,

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.

Sealing Applications

Uncooled packing is standard up to 90 °C. Uncooled mechanical seals can be used between 90 °C and 110 °C.

Design Specifications

KMU 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.

The pump and motor are coupled on a common baseplate with an elastic coupling.

Since the pump shaft is not designed as stepped, the assembly and disassembly of the pump becomes easier during repair and maintenance.

As a standard, when viewed from the motor side, the suction flange is on the left side of the pump, away from the motor, while the discharge flange is on the top side, closer to the motor. Suction and discharge ports can be manufactured in different orientations upon special order.

Bearings

Self-lubricating ball bearings are located on both sides of the pump.

There is a water splash disc on the shaft to prevent water from entering the bearing housings.

Pump Codification

KMU 40 / 8

Series Name _____

Discharge Flange Nominal Diameter (mm) _____

Stage Number _____

Part Name	Material					
	Cast Iron GG25	Ductile Cast Iron GGG40	AISI 420	AISI 304	AISI 316	Bronze CuSn10
Suction & Discharge Casing	●	○		○	○	○
Stage Casing	●	○		○	○	○
Impeller				●		
Diffuser	●	○		○	○	○
Shaft			●	○	○	
Shaft Sleeve			●	○	○	

● Standard Material ○ Optional Material

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