

UKMS

Self-Priming Wastewater Pumps



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Suction Flange	: 2" 10"
Discharge Flange	: 2" 10"
Operating Pressure	: 10 Bar
Speed Range	: 750 - 3000 RPM
Capacity Range	: 20 – 750 m ³ /h
Head Range	: 5 – 40 m



Fields of Applications

Pumping of domestic and industrial sewage,

Pumping of chemical and industrial wastewater,

Pumping liquids containing muddy and solid particles,

Pumping of polluted liquids of industrial processes,

All kinds of drainage and dewatering works.

Sealing Applications

For the shaft seal, the mechanical seal is used.

Design Specifications

UKMS series pumps are self-priming centrifugal pumps model with a suction check valve.

Since they are self-priming they can be mounted high and dry above the sump a floor level with only suction line in the liquid.

UKMS series are available in six basic discharge sizes: 2", 3", 4", 6", 8", 10".

Impellers are open type with two vane and handle solids up to 76 mm (3") depending on the pump type.

Unclogging is very quick and simple. Removable coverplate permits easy access to impeller, wear plate and seal. The clog is removed and pump returned to normal operation in minutes without disturbing suction or discharge piping.

Suction check valve (Flap Valve) is one piece molded and specially designed. It can be removed or installed without disturbing suction piping.

UKMS series pumps are designed to reprime automatically in a completely open system. They can do it with the pump casing only partially filled with liquid and with a completely dry suction line.

Bearings

Single row ball bearings and double row angular contact ball bearings are used in sizes to withstand thrust and radial stresses. Oil bath lubrication system is used for bearings.

Pompa Kodlaması

UKMS 10" / 10"

Series Name

Discharge Flange Diameter (inch.)

Suction Flange Diameter (inch.)

Part Name	Material					
	Cast Iron GG25	Ductile Cast Iron GGG40	AISI 420	AISI 304	AISI 316	Bronze CuSn10
Pump Casing	●	○		○	○	○
Impeller	●	○		○	○	○
Shaft			●	○	○	

● Standard Material

○ Optional Material

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Customer Service
+90 850 888 8 627

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

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masdaf.com