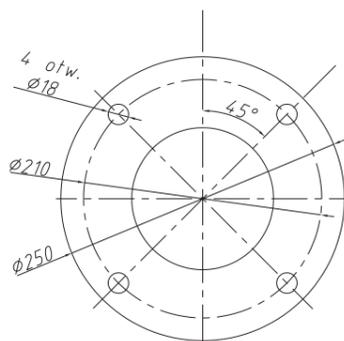




Flange adapter of hook for KS150M and KS150H



GENERAL CHARACTERISTIC

Pumps MSK1-100 are designed for pumping sanitary sewage and industrial applications, drainage water and rainwater . They are used in plumbing, sewage treatment plants and pumping stations and many types of drainage systems. Free passage through the channel impeller solids of up to 100mm provides seamless cooperation with pipelines with diameters DN100, DN150 and larger. The pumps have a limiter of temperature in three phases of the stator windings of the motor and switch of humidity. These elements preclude the possibility of damage to the engine in case of overload or moisture getting into it. The motor is sealed from the side of the pump double mechanical seal in oil chamber. The standard pump is equipped with 10 metres cable in neoprene sheath.



OPERATING PARAMETERS

The density of sewage to 1100 kg / m³
Fluid temperature to 40 ° C
Maximum number of starts 25 / hour

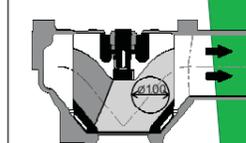
**Submersible pumps
MSK1-100**

Sewage, industrial
and rainwater

Channel imeppler



Free passage

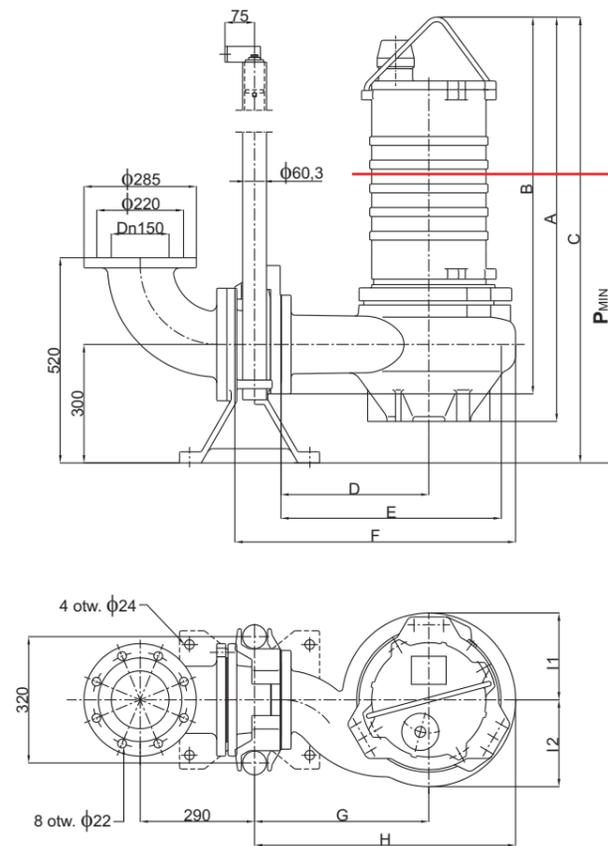


No.	Pump	Power [kW]	n [rpm]	Qn [l/s]	Hn [m]	In ¹ [A]	Z _{Ps} ² [A]	cosφ	η [%]	Passage [mm]	Auto coupling	Impeller type	Mass ³ [kg]
1	124	12,5	1455	50	13,0	24,1	32	0,89	89	100	KS150	1- channels	254
2	154	15,0	1460	52	16,0	27,7	32	0,87	89	100	KS150	1- channels	269
3	184	18,5	1455	62	17,0	35,1	40	0,85	89	100	KS150	1- channels	289
4	224	22,0	1455	72	18,0	43,2	63	0,92	92	100	KS150	1- channels	304

¹ Starting intermediate star-delta

² Motor overload protection

³ 25kg of pump mass include a pump hook and 10m cable



Pump MSK1-100
suspended for auto coupling KS150

No.	Pump	A	B	C _{KS150}	D	E	F	G	H	I ₁	I ₂	P _{MIN}
1	124	1024	954	1130	375	560	712	442	662	220	220	800
2	154	1024	954	1130	375	560	712	442	662	220	220	800
3	184	1024	954	1130	375	560	712	442	662	220	220	800
4	224	1024	954	1130	375	560	712	442	662	220	220	800

APPLIED MATERIALS

Motor body, pump body, impeller, hook, auto coupling - cast GJL200, GJL250.
The pump shaft - stainless steel.
Fasteners - Stainless steel.
Bearings - ball single row, ball double oblique.
Front double mechanical seal.
Epoxy paint finish.

PUMP MOTORS 400V / 50Hz

Insulation class F

STANDARDS

ISO 9908
ISO 2548 STANDARD CLASS B

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