

Technical data

Submersible drainage pump KS 6Ex DMS-Ex

Project ID

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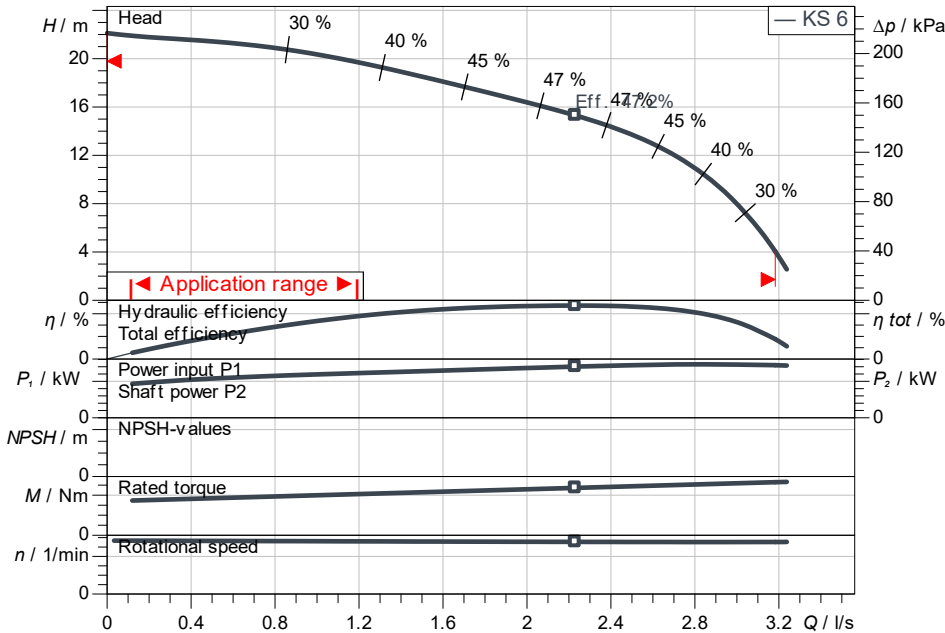
Project name

Installation location

Customer pos. No.

Date 2025-03-03

Duty chart



Requested data

Flow	
Head	
Media	Water 100 %
Fluid temperature	20.00 °C
Density	998.30 kg/m³
Kin. viscosity	1.00 mm²/s

Hydraulic data (Duty point)

Flow	
Head	
Power input P1	
Total efficiency	

Product data

Submersible drainage pump	
KS 6Ex DMS-Ex	
Max. operating pressure	230 kPa
Fluid temperature	3 °C ... +40 °C
Maximum submergence depth	12.5 m
Free ball passage	5 mm
Max. fluid temp. for up to 3 min	

Motordata per Motor/Pump

Type of motor	T 12-2/6GEx 0,75kW
Mains connection	3~ 400 V / 50 Hz
Permitted voltage tolerance	+/- 10 %
Nominal speed	2,900 1/min
Rated power P2	0.75 kW
Power input P1	1.06 kW
Rated current	1.80 A
Activation type	Direct online (DOL)
Degree of protection	IP68
Float switch	Yes
Motor protection	Bimetall
Insulation class	H
Operating mode (immersed)	S1
Operating mode (non-immersed)	S2-30 min
Max. operating rate	15 1/h

Cable

Length of connecting cable	10 m
Cable type	H07RN-F
Cable cross section	7G1,5
Type of connecting cable	Non-detachable
Mains plug	DMS-Ex + CEE 16

Fitting dimensions

Pipe connection on the suction side,	
Pipe connection (pressure side)	Storz C,

Materials

Pump housing	5.1301/EN-GJL-250
Impeller	5.1301/EN-GJL-250
Shaft	1.4021
Sealing on pump side	QQPGG
Sealing on motor side	FKM
Gasket material	FKM
Motor housing	5.1301/EN-GJL-250

Information for order placements

Weight approx.	33 kg
Item number	

