

Technical data

Submersible drainage pump

KS 37ZM DS

Project ID

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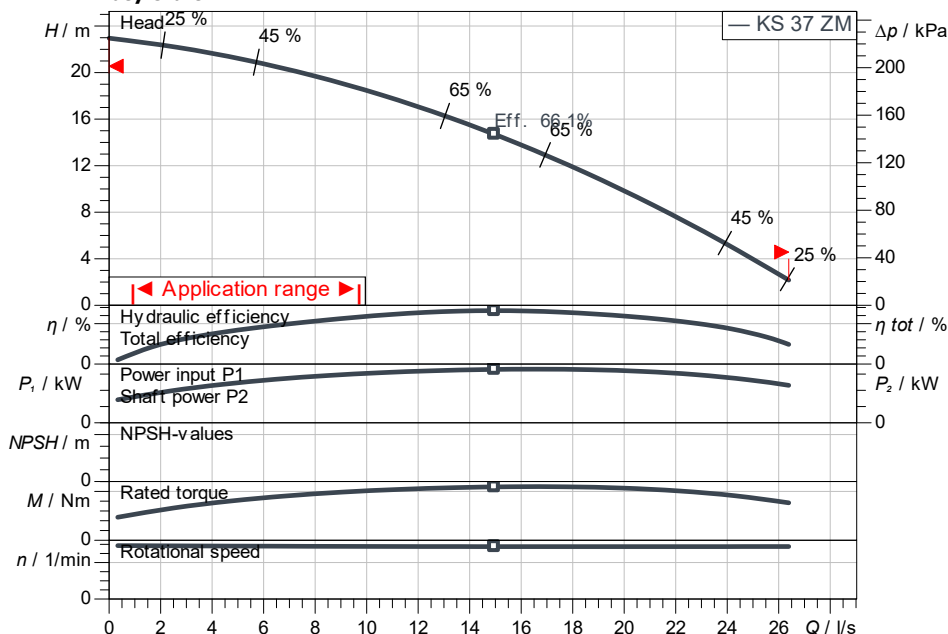
Project name

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 37ZM DS	
Max. operating pressure	250 kPa
Fluid temperature	3 °C ... +40 °C
Maximum submergence depth	12.5 m
Free ball passage	6 mm
Max. fluid temp. for up to 3 min	
Motordata per Motor/Pump	
Type of motor	F 17.1-2/8 3,85kW
Mains connection	3~ 400 V / 50 Hz
Permitted voltage tolerance	+/- 10 %
Nominal speed	2,860 1/min
Rated power P2	3.85 kW
Power input P1	5.1 kW
Rated current	8.40 A
Activation type	Direct online (DOL)
Degree of protection	IP68
Float switch	Yes
Motor protection	No
Insulation class	F
Operating mode (immersed)	S1
Operating mode (non-immersed)	S1
Max. operating rate	15 1/h

Cable

Length of connecting cable	20 m
Cable type	H07RN-F
Cable cross section	4G1,5
Type of connecting cable	Non-detachable
Mains plug	CEE M 16 WDSA

Fitting dimensions

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

Materials

Pump housing	5.1301/EN-GJL-250
Impeller	EN-GJS-500-7
Shaft	1.4021
Sealing on pump side	QQPGG
Sealing on motor side	BVPGG
Gasket material	FKM
Motor housing	Aluminium

Information for order placements

Weight approx.	66 kg
Item number	

