

Customer

Technical data

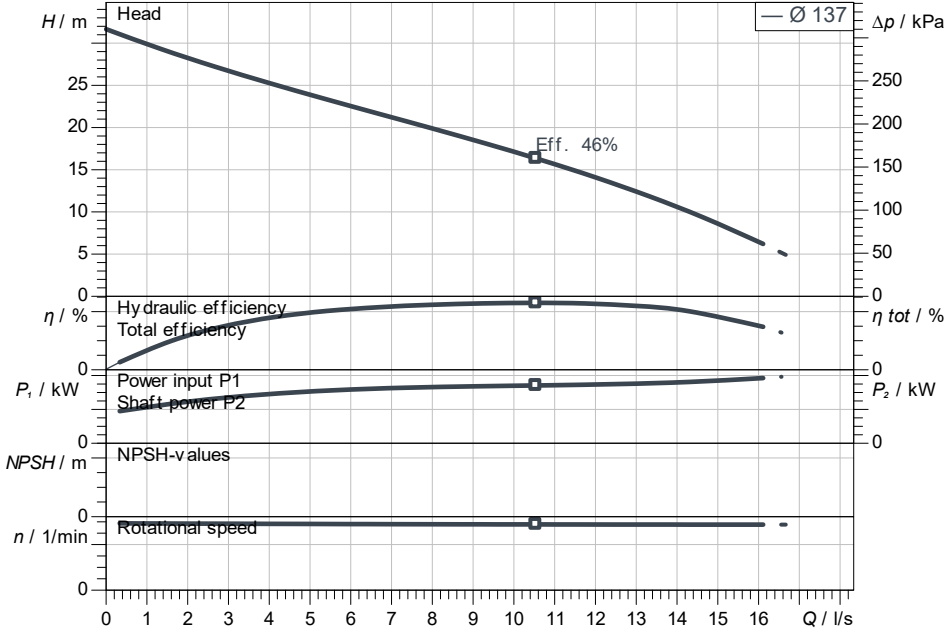
Submersible drainage pump KS 37ZH D

Project ID Untitled project 2025-03-03 12:32:55.181

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/m ³
Kin. viscosity	1.00 mm ² /s

Hydraulic data (Duty point)

Flow	
Head	
Power input P1	
Total efficiency	

Product data

Submersible drainage pump	
KS 37ZH D	
Max. operating pressure	340 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	Submersible motor – sel
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 On Line (DOL)
Degree of protection	IP68
Float switch	No
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 M16W (3P+N+PE,

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	6019730

