

Technical data

Submersible sewage pump with macerator Rexa FIT-S03-112A/21M011-523/P

Project ID

Untitled project 2025-03-17 06:32:17.222

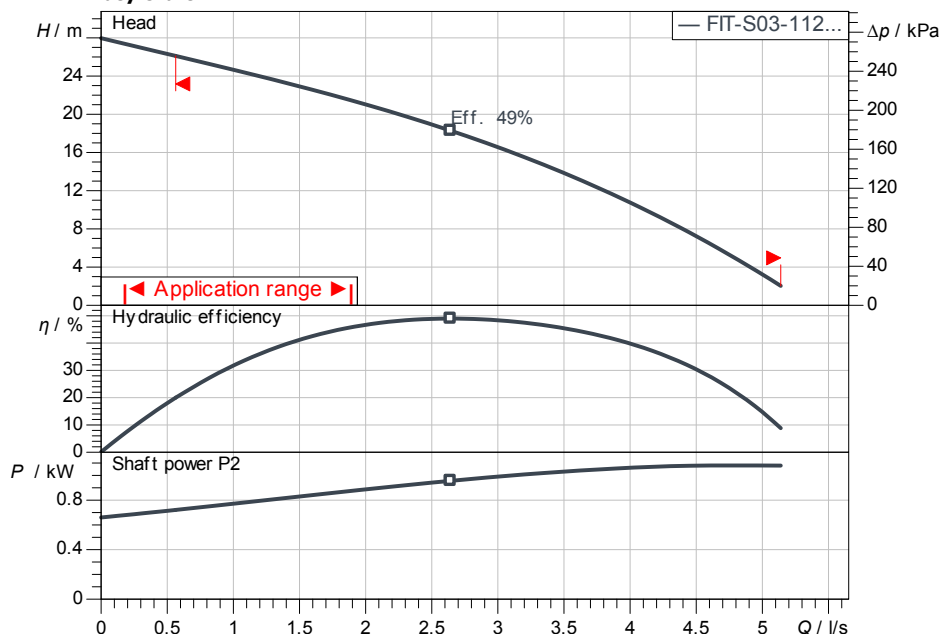
Project name

Installation location

Customer pos. No.

Date 2025-03-17

Duty chart



Requested data

Volume 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)

Volume flow	
Head	
Power input P1	
Total efficiency	

Product data

Submersible sewage pump with macerator	
Rexa FIT-S03-112A/21M011-523/P	
Grinder	Yes
Max. operating pressure	308 kPa
Fluid temperature	3 °C ... +40 °C
Maximum submergence depth	7 m
Impeller type	Two-channel impeller with
Impeller size	140 mm

Motor data per motor/pump

Mains connection	1~230 V / 50 Hz
Permitted voltage tolerance	+/-10 %
Power factor cos φ	0.99
Rated power P2	1.10 kW
Power input P1	1.55 kW
Rated current	6.80 A
Start-up type	
Starting current	
Nominal speed	2,841 1/min
Degree of protection	IP68
Explosion protection	-
Motor protection	
Insulation class	F
Operating mode (immersed)	S1
Operating mode (non-immersed)	S2-15 min, S3-10%

Cable

Length of connecting cable	10 m
Cable type	H07RN-F
Cable cross section	4G1
Mains plug	CEE 7/7 (Schuko)
Type of connecting cable	Detachable

Fitting dimensions

Pipe conct. on pressure side	DN 32/40, -/PN 6/10
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Materials / Shaft seal

Pump housing	5.1301/EN-GJL-250
Impeller	5.1301/EN-GJL-250
Shaft	1.4401
Sealing on pump side	QQPGG
Sealing on motor side	NBR
Gasket material	NBR
Motor housing	1.4301

Ordering information

Net weight, approx.	32 kg
Item number	6098141

