

**Customer**

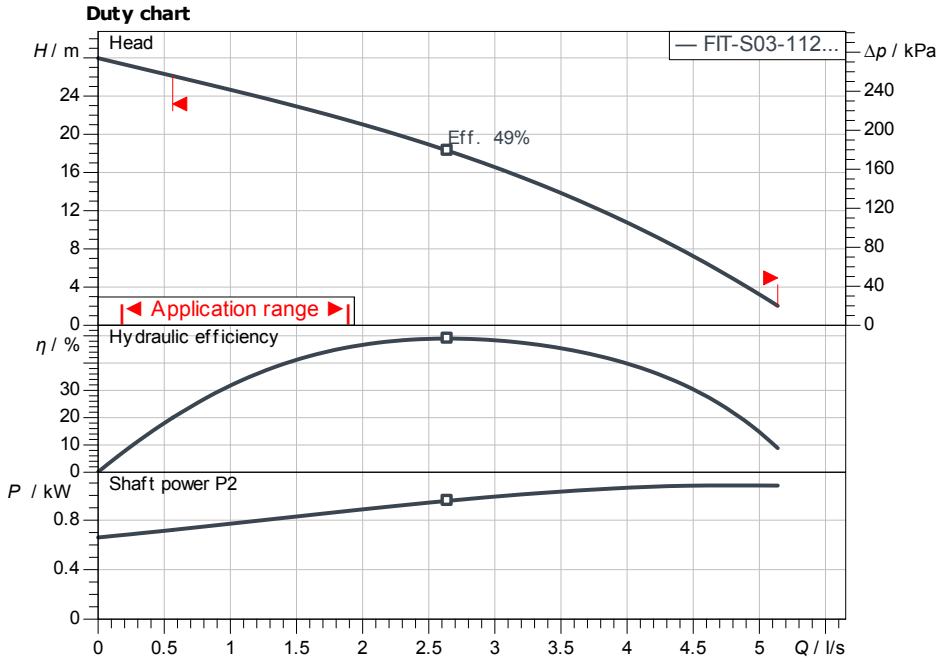
## Technical data

### Submersible sewage pump with macerator Rexa FIT-S03-112A/21T011-540/O

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

Project name  
Installation location  
Customer pos. No.

Date                      2025-03-17



**Requested data**

Volume flow	
Head	
Media	Water 100 %
Fluid temperature	20.00 °C
Density	998.30 kg/m <sup>3</sup>
Kin. viscosity	1.00 mm <sup>2</sup> /s

**Hydraulic data (Duty point)**

Volume flow	
Head	
Power input P1	
Total efficiency	

**Product data**

Submersible sewage pump with macerator Rexa FIT-S03-112A/21T011-540/O	
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	3~ 400 V / 50 Hz
Permitted voltage tolerance	+/- 10 %
Power factor cos $\varphi$	0.57
Rated power P2	1.10 kW
Power input P1	1.57 kW
Rated current	4.00 A
Start-up type	Direct starting
Starting current	
Nominal speed	2,865 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	6G1
Mains plug	No
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.	31 kg
Item number	6098142

