Contact
E-mail
Phone

Customer

Contact
E-mail
Phone

Technical data

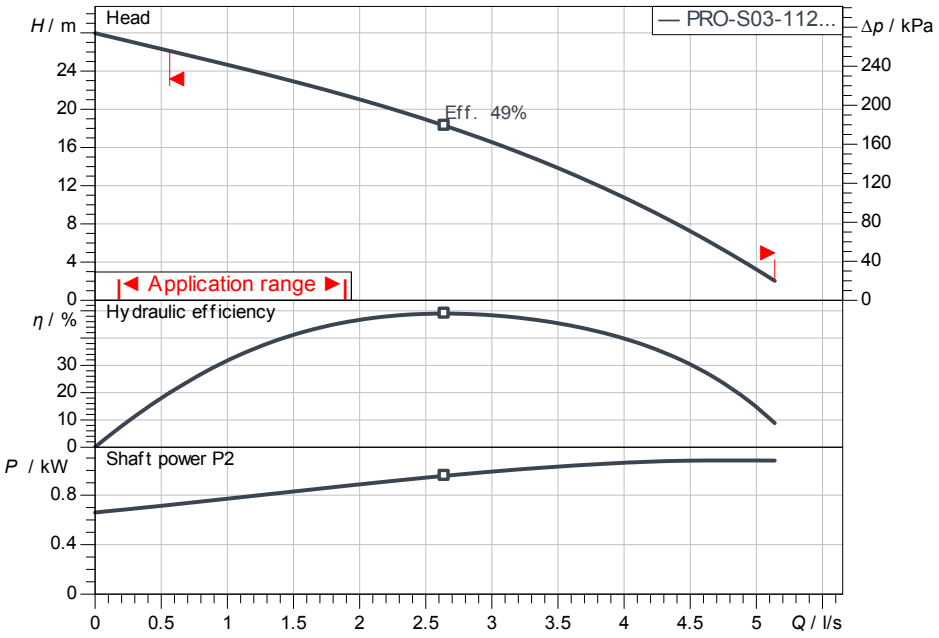
Submersible sewage pump with macerator
Rexa PRO-S03-112A/21M011X523/O

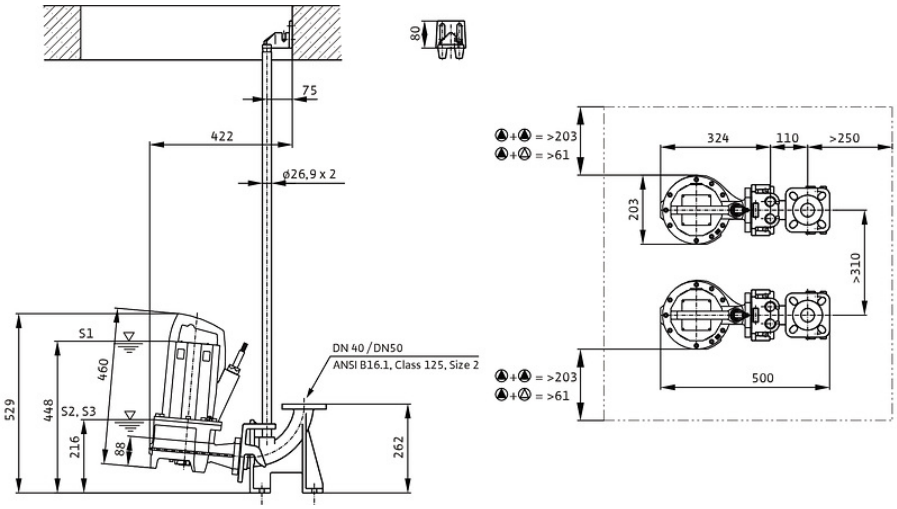
Project ID Untitled project 2025-03-17 06:38:35.502

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/m³
Kin. viscosity	1.00 mm²/s

Hydraulic data (Duty point)

Volume flow	
Head	
Power input P1	
Total efficiency	

Product data

Submersible sewage pump with macerator
Rexa PRO-S03-112A/21M011X523/O

Grinder	Yes
Max. operating pressure	308 kPa
Fluid temperature	3 °C ... +40 °C
Maximum submergence depth	20 m
Impeller type	Two-channel impeller wit
Impeller size	140 mm

Motor data per motor/pump

Mains connection	1~230 V / 50 Hz
Permitted voltage tolerance	+-10 %
Power factor cos φ	0.97
Rated power P2	1.10 kW
Power input P1	1.6 kW
Rated current	7.20 A
Start-up type	
Starting current	
Nominal speed	2,899 1/min
Degree of protection	IP68
Explosion protection	ATEX
Motor protection	
Insulation class	F
Operating mode (immersed)	S1
Operating mode (non-immersed)	S2-30 min, S3-25%

Cable

Length of connecting cable	10 m
Cable type	H07RN-F
Cable cross section	7G1,5
Mains plug	No
Type of connecting cable	Detachable

Fitting dimensions

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

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	BXPFF
Gasket material	NBR
Motor housing	5.1301/EN-GJL-250

Ordering information

Net weight, approx.	45 kg
Item number	6098420