

**Customer**

# Technical data

## Submersible sewage pump

### Rexa FIT-V06-216A/21T025-540/A

Project ID

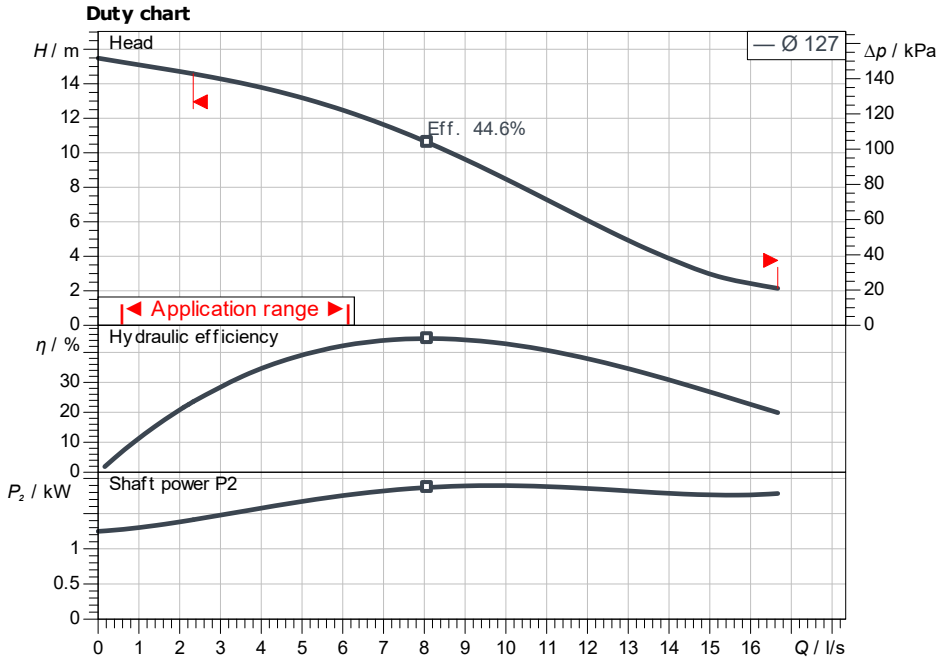
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Project name

Installation location

Customer pos. No.

Date 2025-03-04



#### Requested data

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)

Flow	
Head	
Power input P1	
Total efficiency	

#### Product data

Submersible sewage pump	
Rexa FIT-V06-216A/21T025-540/A	
Max. operating pressure	170 kPa
Fluid temperature	+3 °C ... 40 °C
Maximum submergence depth	7 m
Free ball passage	65 mm
Impeller type	Vortex impeller

#### Motordata per Motor/Pump

S 13.M-10/EAD1-2-T 2,5kW 40°C 400V 50Hz	
Type of motor	Submersible motor – su

Mains connection	3~ 400 V / 50 Hz
Permitted voltage tolerance	+10 %
Nominal speed	2,848 1/min
Rated power P2	2.50 kW
Power input P1	3.2 kW
Rated current	5.50 A
Activation type	Direct On Line (DOL)
Degree of protection	IP68
Explosion protection type	-
Motor protection	Bimetall
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	CEE 16A, 3P+N+PE, 6P
Type of connection cable	Detachable

#### Fitting dimensions

Pipe connection on the suction side	DN 65, PN 10
Pipe connection (pressure side)	DN 65/80, PN 10

#### Materials

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	1.4301

#### Information for order placements

Weight approx.	39 kg
Item number	6098175

