

Customer

Technical data

Submersible sewage pump

Rexa FIT-V05-228A/21T039-540/A

Project ID

Untitled project 2025-03-04 01:04:54.425

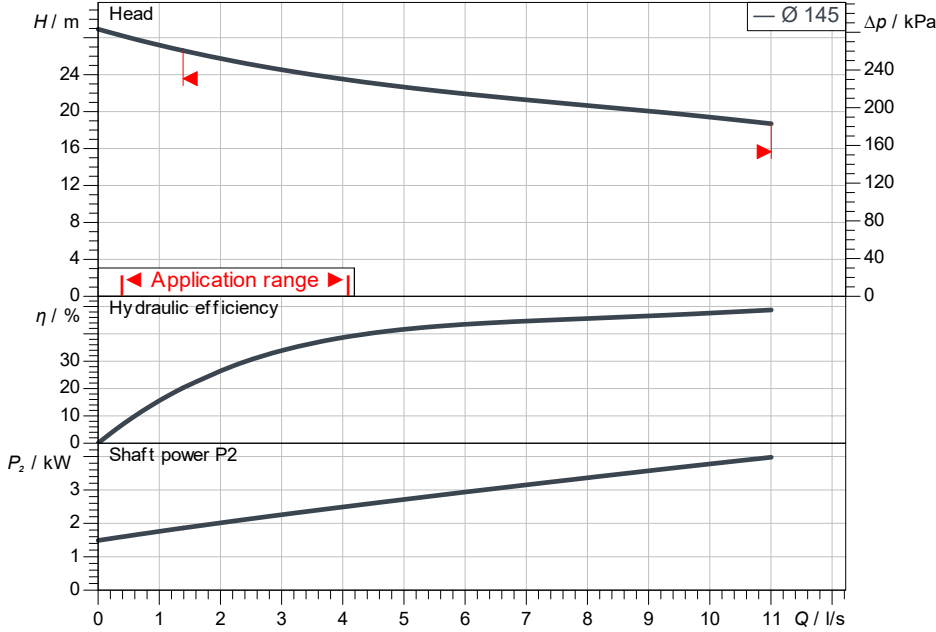
Project name

Installation location

Customer pos. No.

Date 2025-03-04

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 sewage pump	
Rexa FIT-V05-228A/21T039-540/A	
Max. operating pressure	310 kPa
Fluid temperature	+3 °C ... 40 °C
Maximum submergence depth	7 m
Free ball passage	50 mm
Impeller type	Vortex impeller

Motordata per Motor/Pump

S 13.M-15/EAD1-2-T 3,9kW 40°C 400V 50Hz	
Type of motor	Submersible motor – su

Mains connection	3~ 400 V / 50 Hz
Permitted voltage tolerance	+10 %
Nominal speed	2,879 1/min
Rated power P2	3.90 kW
Power input P1	4.8 kW
Rated current	8.50 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 50, PN 10
Pipe connection (pressure side)	DN 50, 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.	46.2 kg
Item number	6098165

