

Customer

Technical data

Submersible sewage pump

Rexa PRO-V08-245A/20T105X540/O

Project ID

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

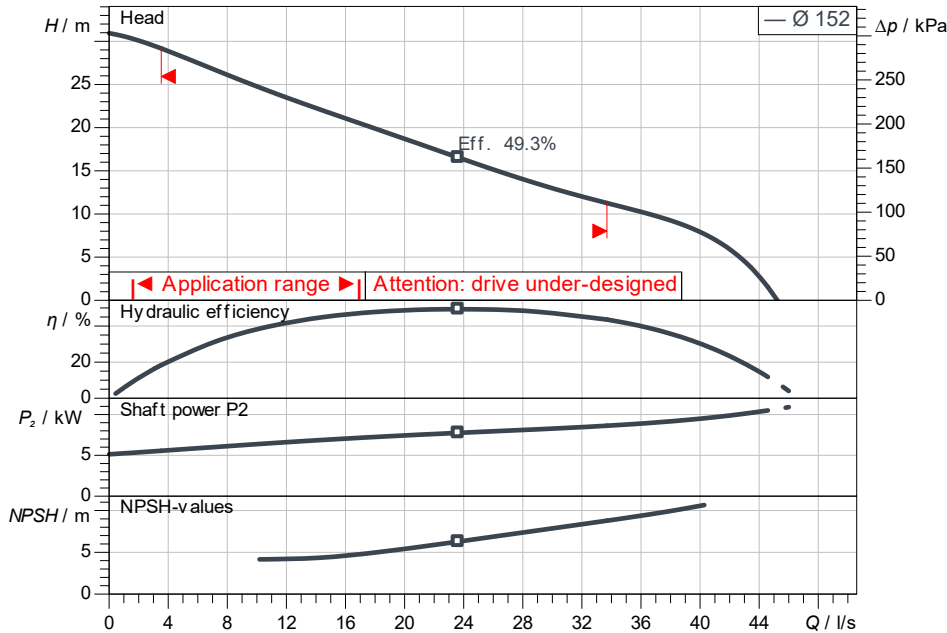
Project name

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 PRO-V08-245A/20T105X540/O	
Max. operating pressure	340 kPa
Fluid temperature	+3 °C ... 40 °C
Maximum submergence depth	20 m
Free ball passage	80 mm
Impeller type	Vortex impeller

Motordata per Motor/Pump

P 17.1-22/EAD0X2-T Ex 10,5kW 40°C 400V 50Hz	
Type of motor	Submersible motor – su

Mains connection	3~ 400 V / 50 Hz
Permitted voltage tolerance	+10 %
Nominal speed	2,914 1/min
Rated power P2	10.50 kW
Power input P1	12.3 kW
Rated current	20.50 A
Activation type	Star-Delta (YΔ)
Degree of protection	IP68
Explosion protection type	ATEX
Motor protection	Bimetall
Insulation class	H
Operating mode (immersed)	S1
Operating mode (non-immersed)	-

Cable

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

Fitting dimensions

Pipe connection on the suction side	DN 80, PN 10
Pipe connection (pressure side)	DN 80/100, PN 10

Materials

Pump housing	5.1301/EN-GJL-250
Impeller	5.1301/EN-GJL-250
Shaft	1.4021
Sealing on pump side	QQPGG
Sealing on motor side	BXPFF
Gasket material	NBR
Motor housing	5.1301/EN-GJL-250

Information for order placements

Weight approx.	124 kg
Item number	6082822

