

**Customer**

## Technical data

### Submersible sewage pump

FA 08.64-270E + T 17.2-4/24HEx

Project ID

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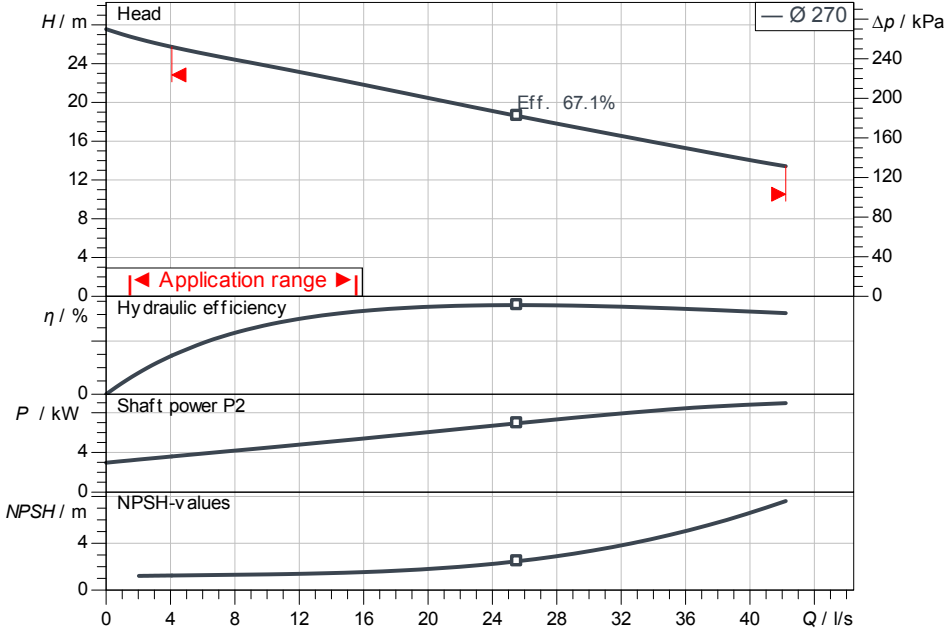
Project name

Installation location

Customer pos. No.

Date 2025-03-03

#### Duty chart



#### 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	
FA 08.64-270E + T 17.2-4/24HEx	
Max. operating pressure	284 kPa
Fluid temperature	+3 °C ... 40 °C
Maximum submergence depth	20 m
Free ball passage	80 mm
Impeller type	Single-channel impeller

#### Motordata per Motor/Pump

T_17.2-4/24HEx_10kW_40C_400V_50Hz	
Type of motor	Submersible motor – su

Mains connection	3~ 400 V / 50 Hz
Permitted voltage tolerance	+10 %
Nominal speed	1,417 1/min
Rated power P2	10.00 kW
Power input P1	12.2 kW
Rated current	21.00 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 100, PN 10
Pipe connection (pressure side)	DN 80, PN 10

#### Materials

Pump housing	5.1301/EN-GJL-250
Impeller	EN-GJS-500-7
Shaft	1.4021
Sealing on pump side	QQPGG
Sealing on motor side	NBR
Gasket material	NBR
Motor housing	5.1301/EN-GJL-250

#### Information for order placements

Weight approx.	137 kg
Item number	6047628

