

Customer

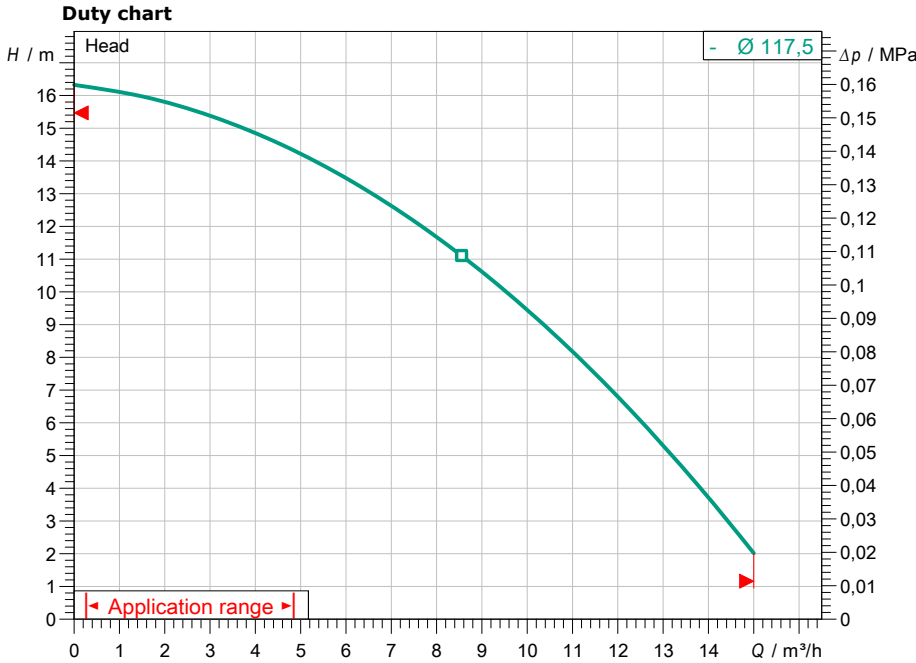
Technical data

Submersible sewage pump with macerator Drain MTC 40F16.15/7-A (1~230)

Project name

Project ID
Installation location
Customer pos.no

Date 2020-04-09



Requested data

Volume 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)

Volume flow	
Head	
Power input P1	
Total efficiency	

Product data

Submersible sewage pump with macerator
Drain MTC 40F16.15/7-A (1~230V)

Max. operating pressure	0,18 MPa
Fluid temperature	3 °C ... + 35 °C
Maximum submergence depth	7 m
Impeller type	Half open multi-channel in
Impeller size	117,5 mm

Motor data per motor/pump

Mains connection	1~ 230 V / 50 Hz
Permitted voltage tolerance	±10 %
Power factor cos φ	0,95
Rated power P2	0,70 kW
Power input P1	1,2 kW
Rated current	5,60 A
Start-up type	
Starting current	
Nominal speed	2900 1/min
Degree of protection	IP68
Explosion protection	no
Motor protection	
Insulation class	F
Operating mode (immersed)	S1
Operating mode (non-immersed)	-

Cable

Length of connecting cable	10 m
Cable type	H07RN-F
Cable cross section	4G1
Mains plug	Shock-proof
Type of connecting cable	Non-detachable

Fitting dimensions

Pipe conct. on pressure side	DN 40, -/PN10
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Materials / Shaft seal

Pump housing	EN-GJL-250
Macerator	1.4125
Impeller	EN-GJL-250
Shaft	1.4021
Sealing on pump side	Q1Q1PSS
Sealing on motor side	Q1Q1PSS
Gasket material	NBR
Motor housing	EN-GJL-250

Ordering information

Net weight, approx.	20 kg
Item number	2081260

