

**Customer**

## Technical data

### Submersible sewage pump with macerator Drain MTC 40F16.15/7 (3~400V)

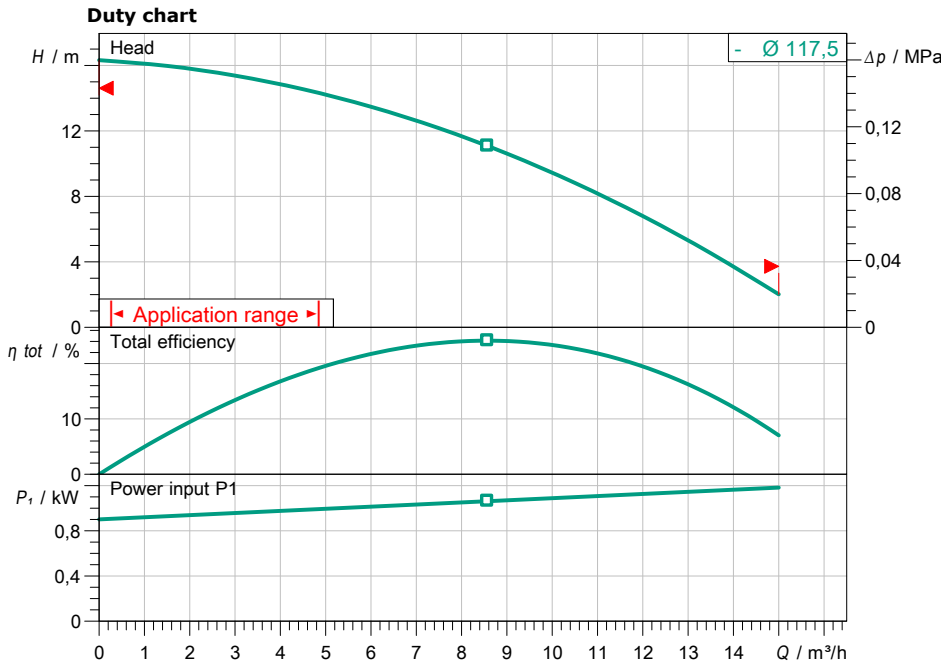
Project name

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 <sup>3</sup>
Kin. viscosity	1,00 mm <sup>2</sup> /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 (3~400V)

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	3~ 400 V / 50 Hz
Permitted voltage tolerance	±10 %
Power factor cos φ	0,65
Rated power P2	0,70 kW
Power input P1	1,2 kW
Rated current	2,50 A
Start-up type	Direct starting
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	no
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	2081261

