

Customer

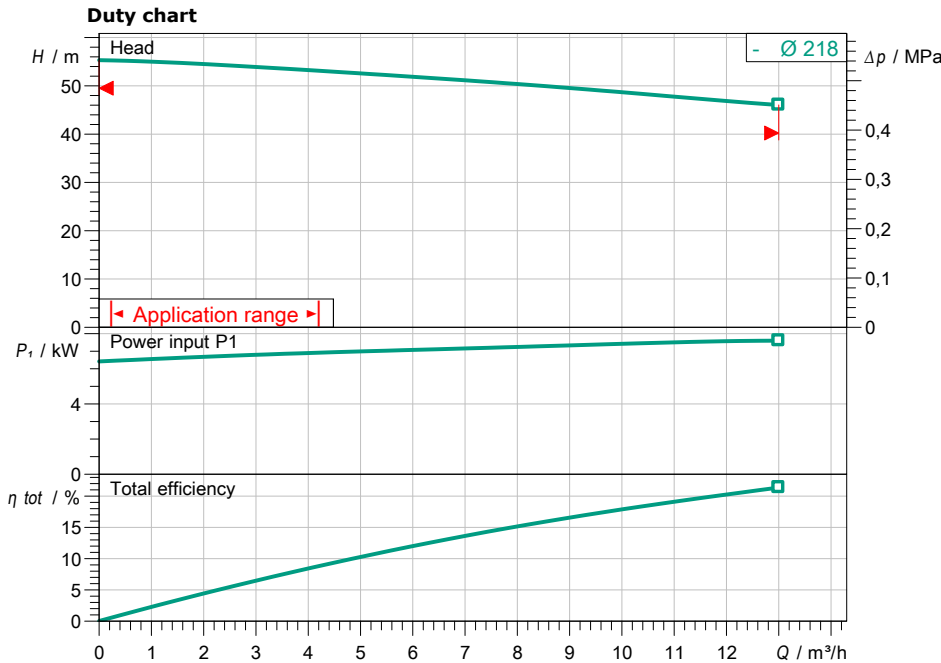
Technical data

Submersible sewage pump with macerator Drain MTC 32F55.13/66 (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 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 32F55.13/66 (3~400V)

Max. operating pressure	0,61 MPa
Fluid temperature	3 °C ... + 40 °C
Maximum submergence depth	10 m
Impeller type	Half open multi-channel in
Impeller size	218 mm

Motor data per motor/pump

Mains connection	3~ 400 V / 50 Hz
Permitted voltage tolerance	±10 %
Power factor cos φ	0,86
Rated power P2	6,60 kW
Power input P1	7,7 kW
Rated current	13,20 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)	S3-30%

Cable

Length of connecting cable	10 m
Cable type	H07RN-F
Cable cross section	10G2,5
Mains plug	no
Type of connecting cable	Non-detachable

Fitting dimensions

Pipe conct. on pressure side	DN 32, -/PN6
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Materials / Shaft seal

Pump housing	EN-GJL-250
Macerator	1.4112
Impeller	EN-GJS-500-7
Shaft	1.7225
Sealing on pump side	Q1Q1PGG
Sealing on motor side	BVPGG
Gasket material	NBR
Motor housing	EN-GJL-250

Ordering information

Net weight, approx.	90 kg
Item number	2081267

