

TT305 / TT505 / TT510

The T-T305, T-T505 and T-T510 are some of T-T's longest standing pumps, having been with the company since establishment they continue to impress on quality, efficiency and sustainability. These submersible pumps are designed for transferring sewage and effluent, and for dirty water drainage.

This range of pumps has a shredding action, produced by the impeller rotating against a special serrated suction cover, and reduces any destructible matter to a manageable size for pumping, minimising the risk of blockage and allowing better efficiency and economy.

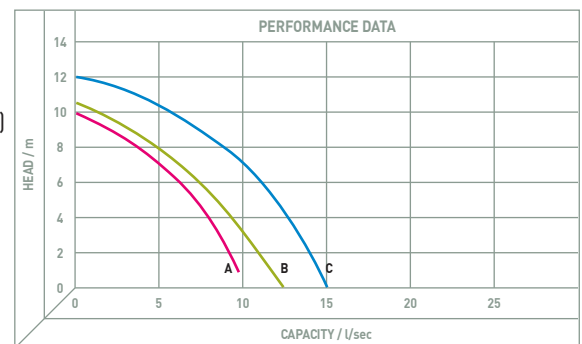


Features

- Cast Iron construction
- Submersible & Dry Well Installations
- IP68 rated
- Maximum Liquid temp: 40°C
- Insulation: Class F
- Thermal Protection: Thermostats wired for external control.
- Double mechanical seal within oil bath
- 15mm solids handling
- 0.85-1.8kW output
- Cable: H07RNF x 10m
- 80mm discharge
- Free-standing or Auto Coupling versions

Applications

- Sewage pumping stations
- Storm water applications
- Domestic and industrial use
- Agriculture / farming
- Water features (Eco-friendly oil)
- Sewage and treatment works
- Housing



Performance Details

PUMP TYPE	PRODUCT CODE	CURVE	Output kW	DISCHARGE		MAXIMUM		FREE PASSAGE mm	CABLE
				mm	inch	HEAD M	CAPACITY LPM		
TT305 230V/1Ph	PE/TT305/1	/A	0.85	80	3	10	10	15	10
TT305 400V/3Ph	PE/TT305/3	/A	0.85	80	3	10	10	15	10
TT505 230V/1Ph	PE/TT505/1	/B	1.25	80	3	10.5	12.5	15	10
TT505 400V/ 3Ph	PE/TT505/3	/B	1.25	80	3	10.5	12.5	15	10
TT510 400V/3Ph	PE/TT510/3	/C	1.8	80	3	12	15	15	10

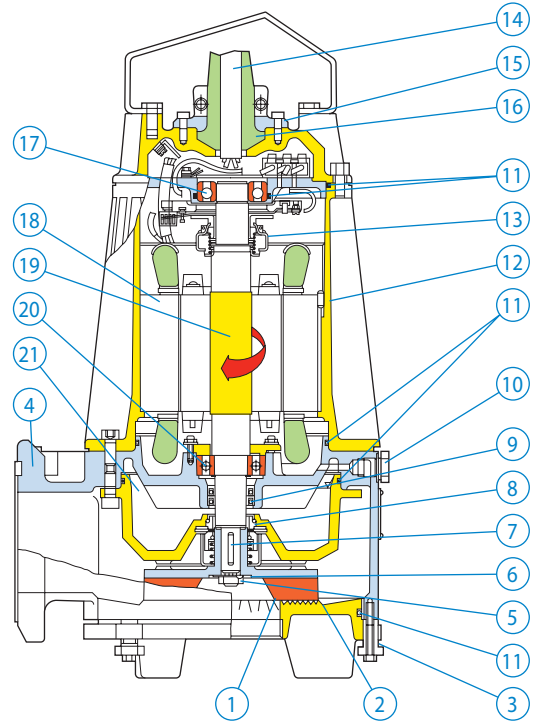
PUMP TYPE	WEIGHT PUMP & CABLE kg	WEIGHT FREE STANDING BASE kg	WEIGHT AUTO-COUPLING BASE kg	WEIGHT GUIDE HOOK kg
TT305 230V/1Ph & 400V/3Ph	51.0	5	16	2
TT505 230V/1Ph & 400V/ 3Ph	55.0	5	16	2
TT510 400V/3Ph	55.0	5	16	2

PUMP TYPE	TT305		TT505		TT510
Power Supply (50Hz)	230V/1Ph	400V/3Ph	230V/1Ph	400V/3Ph	400V/3Ph
Rated Power at pump shaft	0.85kW	0.85kW	1.25kW	1.25kW	1.8kW
Full load current	7.5A	2.0A	9.6A	2.6A	3.5A
RPM	2850	2850	2880	2800	2810
Power cable - no. of cores x mm ² - DOL Thermostat cable (Single 7-core cable. 3-core not used)	4x1.5 2x1.5	4x1.5 2x1.5	4x1.5 2x1.5	4x1.5 2x1.5	4x1.5 2x1.5
Power cable - no. of cores x mm ² - ASD Thermostat cable (Single 12-core cable. 3-core not used)	-	-	-	-	7x1.5 2x1.5

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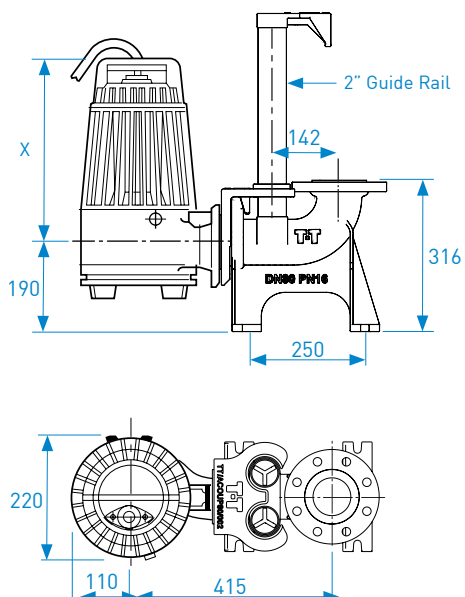
Parts

No.	PART	MATERIAL
1	IMPELLER	CAST IRON
2	SUCTION COVER	CAST IRON
3	ADJUSTING SCREW AND BUSH	STAINLESS STEEL & BRASS
4	PUMP CASING	CAST IRON
5	IMPELLER NUT	STAINLESS STEEL
6	IMPELLER WASHER	STAINLESS STEEL
7	IMPELLER KEY	STAINLESS STEEL
8	MECHANICAL SEAL	TUNGSTEN CARBIDE
9	OIL SEALS	NBR
10	OIL PLUG	CAST IRON
11	O-RING	NBR
12	MOTOR CASING	CAST IRON
13	CENTRIFUGAL SWITCH (1PH)	THERMOPLASTIC & COPPER
14	CABLE	POLYCHLOROPHRENE SHEATH H07RNF
15	CABLE GLAND	BRASS
16	CABLE SLEEVE	NBR
17	UPPER BEARING	STAINLESS STEEL
18	STATOR	CLASS F
19	SHAFT/ROTOR	STAINLESS STEEL
20	LOWER BEARING	STAINLESS STEEL
21	OIL	VEG OIL (ECO-FRIENDLY)

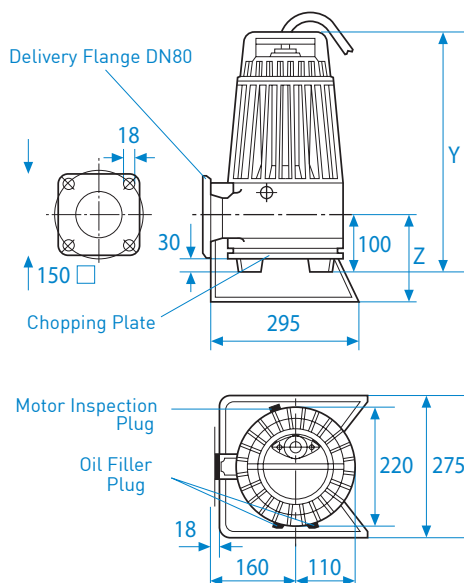


Dimensions

Auto Coupling



Free-Standing



	Pump				
	TT305 230V	TT305 400V	TT505 230V	TT505 400V	TT510 400V
X	440	440	470	440	440
Y	540	540	570	540	540

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