

TT305/TT505/TT510

TT PUMPS®



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. Therefore, minimising the risk of blockage and allowing better efficiency and economy.

Features

- Cast iron construction
- Submersible
- Double mechanical seal within oil bath
- 15mm solids handling
- 0.85-1.8kW output
- 80mm discharge
- Auto-coupling available

Applications

- Sewage pumping stations
- Domestic and industrial use
- Agriculture / farming
- Sewage and treatment works
- Housing

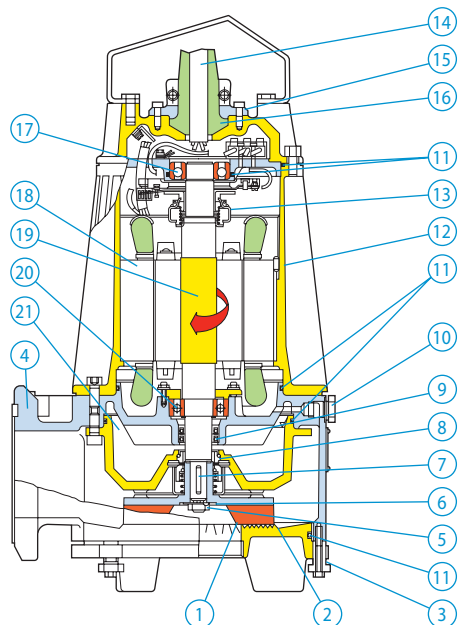


PUMP TYPE	PRODUCT CODE	OUTLET "/ mm	CURVE	kW	FREE PASSAGE mm	WEIGHT PUMP & CABLE kg	WEIGHT FREE STANDING BASE kg	WEIGHT AUTO-COUPLING BASE kg	WEIGHT GUIDE HOOK kg	CABLE LENGTH m
TT305 230V/1Ph	PE/TT305/1	3" [80mm]	A	0.85	15	51.0	5	16	2	10
TT305 400V/3Ph	PE/TT305/3	3" [80mm]	A	0.85	15	51.0	5	16	2	10
TT505 230V/1Ph	PE/TT505/1	3" [80mm]	B	1.25	15	55.0	5	16	2	10
TT505 400V/3Ph	PE/TT505/3	3" [80mm]	B	1.25	15	55.0	5	16	2	10
TT510 400V/3Ph	PE/TT510/3	3" [80mm]	C	1.8	15	55.0	5	16	2	10

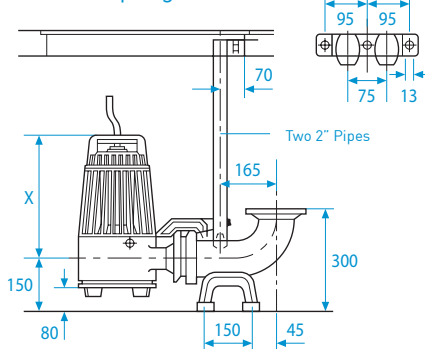
*Image for illustration purposes only. The image above shows both the pump and auto-coupling kit.

PUMP PART	MATERIALS	MOTORS
Pump Casing	Cast Iron	Submersion: IP 58 Insulation: Class F Maximum liquid temp: 40C Cable: H07RNF x 10 metre Thermal protection: Thermostats wired for external control Starter/Control panels Starters/control panels available as extras
Motor Casing	Cast Iron	
Impeller	Cast Iron	
Mechanical Seal	Tungsten Carbide	
Cable	Polychlorophrene Sheath H07RNF	

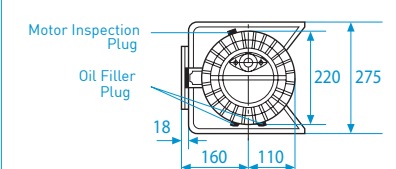
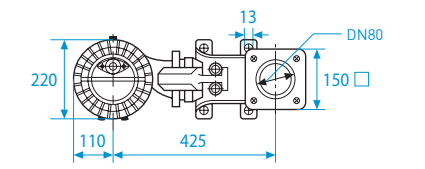
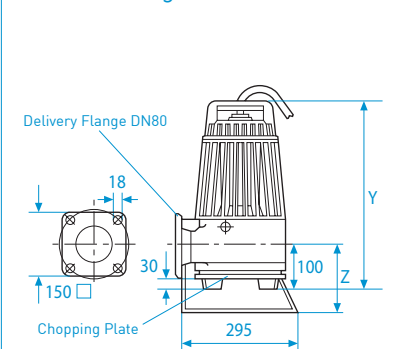
PUMP TYPE	T-T305		TT505		T-T510
	Power Supply (50Hz)	230V/1Ph	400/3Ph	230V/1Ph	400V/3Ph
Rated Power at Pump Shaft	0.85kW	0.85kW	1.25kW	1.25kW	1.8kW
Full Load Current	7.5A	2.0A	9.6A	2.6A	3.5A
RPM	2850	2850	2880	2800	2810
Powercable no. of cores x mm ² - DOL Single 7-core cable, 3-core not used	4x1.5	4x1.5	4x1.5	4x1.5	4x1.5
	2x1.5	2x1.5	2x1.5	2x1.5	2x1.5
Single 12-core cable, 3-core not used	-	-	-	-	7x1.5 2.1.5
					- ASD Thermostat Cable



Auto-Coupling



Free-Standing



Parts

- | | | |
|--------------------------|-----------------------------|------------------|
| 1 Impeller | 8 Mechanical Seal | 15 Cable Gland |
| 2 Suction Cover | 9 Oil Seals | 16 Cable Sleeve |
| 3 Adjusting Screw & Bush | 10 Oil Plug | 17 Upper Bearing |
| 4 Pump Casing | 11 O-Ring | 18 Stator |
| 5 Impeller Nut | 12 Motor Casing | 19 Shaft/Roter |
| 6 Impeller Washer | 13 Centrifugal Switch (1Ph) | 20 Lower Bearing |
| 7 Impeller Key | 14 Cable | 21 Oil |