Tsurumi Pump

Sewage / Wastewater Pumps

	Jewage / Wastewater 1 unips
	CAZE C-series
SPECIFICATIONS Model 1000	C47.5 7.5kW, 3-phase
Type of Pump Submersible cast iron pump with a cutting device suitable for pumping sewage and wastewater	Impeller Semi-open single-channel impeller for solid-handling design, dynamically balanced. A sintered tungsten carbide alloy edge is blazed on the impeller vane.
Type of Fluid Sewage, wastewater, and water carrying solid matters Temperature: 0 to 40°C (High temperature model available on special request)	Solids Passage 50Hz – 76 × 69mm 60Hz – 71 × 68mm Cable Entry with Anti-Wicking Block Watertight cable entry with strain-relief device. The anti- wicking block prevents water incursion due to capillary action should the power cable be damaged or the end submerced
Discharge Bore 100mm	
Motor Output 7.5kW	submerged.
Power Supply Three-phase	Bearings Permanently lubricated, deep-groove, double-shielded C3 ball bearings
Starting Method Direct on Line (Star-Delta available on special request)	Shaft 420 stainless steel
Motor Continuous-duty rated, dry-type induction motor	Shaft Seal (Mechanical Seal) Furnished with a double-face mechanical seal located in oil chamber. Both upper and lower seal faces always run
Insulation Class: F Degree of Protection: IP68	in a clean environment. Upper Seal Faces: Ceramic + Carbon Lower Seal Faces: SiC + SiC
No. of Poles & Speed (Synchronous Speed) 4-pole, 1500/1800min ⁻¹ (50/60Hz)	
Power Supply Voltages & Rated Currents 50Hz 60Hz	Oil Seal (Lip Seal) Used as a "Dust Seal", it protects the mechanical seal from abrasive particles.
380V - 16.3A 220V - 27.6A 400V - 15.9A 380V - 15.6A 415V - 15.7A 440V - 13.7A	OIL LIFTER (Patented) Equipped in oil chamber. It forcibly supplies lubricating oil to the mechanical seal and continues to supply the oil
Power Cable Sheath: Chloroprene rubber Standard Length: 8m	to the upper seal faces even if lubricant falls below the rated volume.
200 to 600V supply: 1 \times 4 \times 5.5mm ² , O.D. 16.8mm	Type of Lubricating Oil & Volume Turbine Oil (ISO VG32), 5200ml
Dry Weight (excluding cable) Free Standing Type: 159kg Guide Rail Fitting Type: 152kg	Motor Protection Device A circle thermal protector built in the motor housing. Directly cuts the motor circuit if excessive heat builds up or an overcurrent condition occurs in the motor.
Optional Accessories	
Bend Set (Free Standing Type) • Discharge Bend • JIS 10kg/cm ² Screwed Flange	TOS/TS Set (Guide Rail Fitting Type) Duckfoot Bend Guide Support

- Guide Support
 Guide Hook

 - Lifting Chain 5m (with Shackles)
 JIS 10kg/cm² Screwed Flange (TOS Set only)

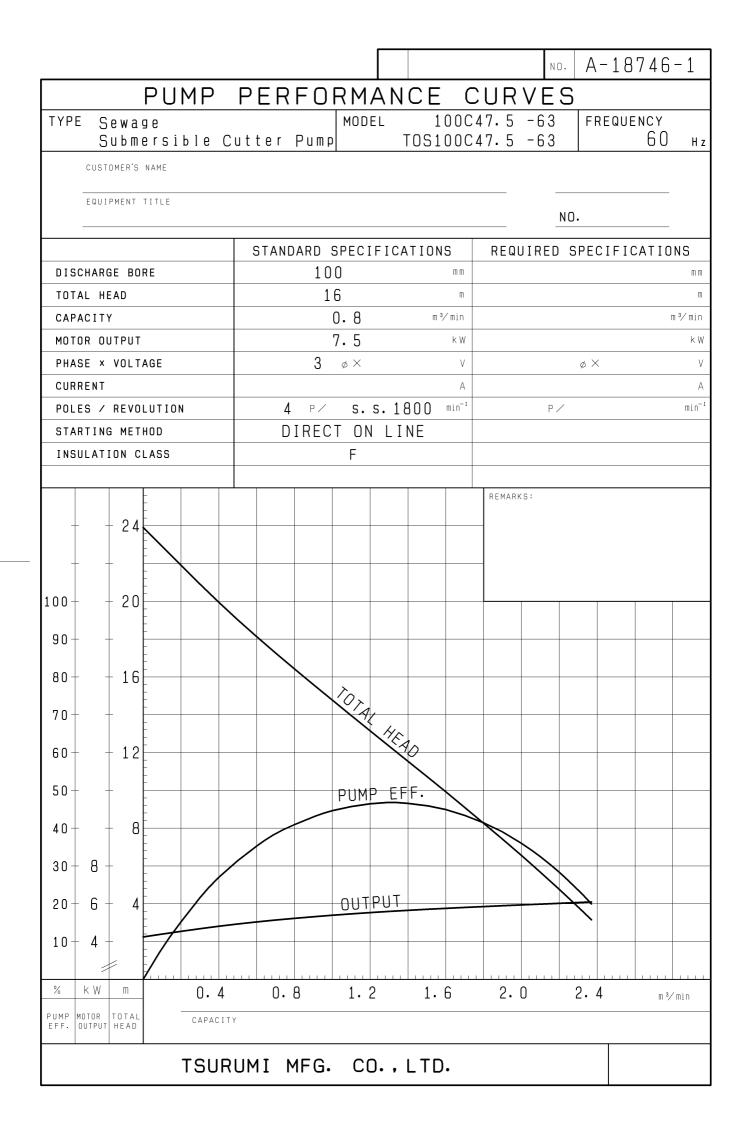
External Leakage Sensor

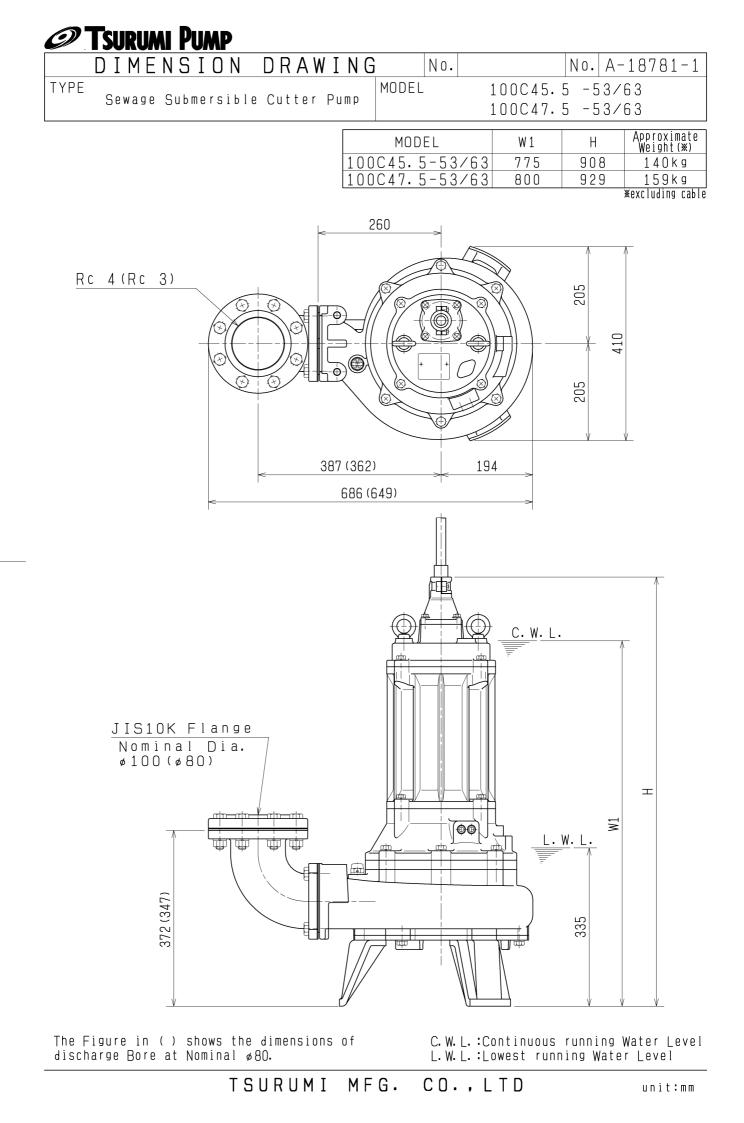
Stand Set (Free Standing Type)

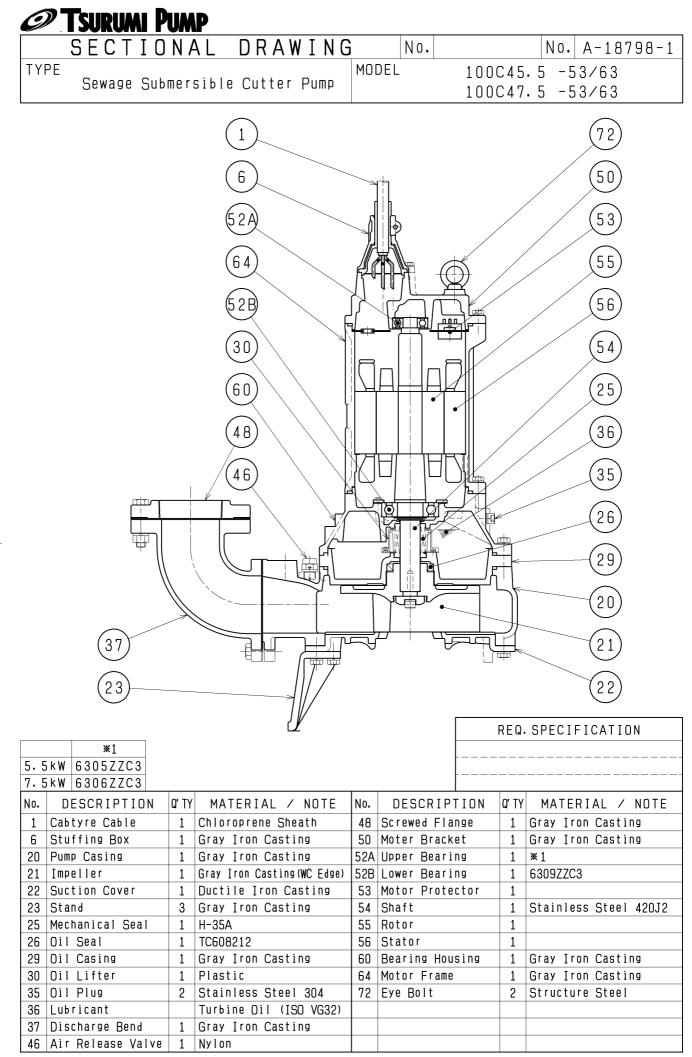
Stand

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