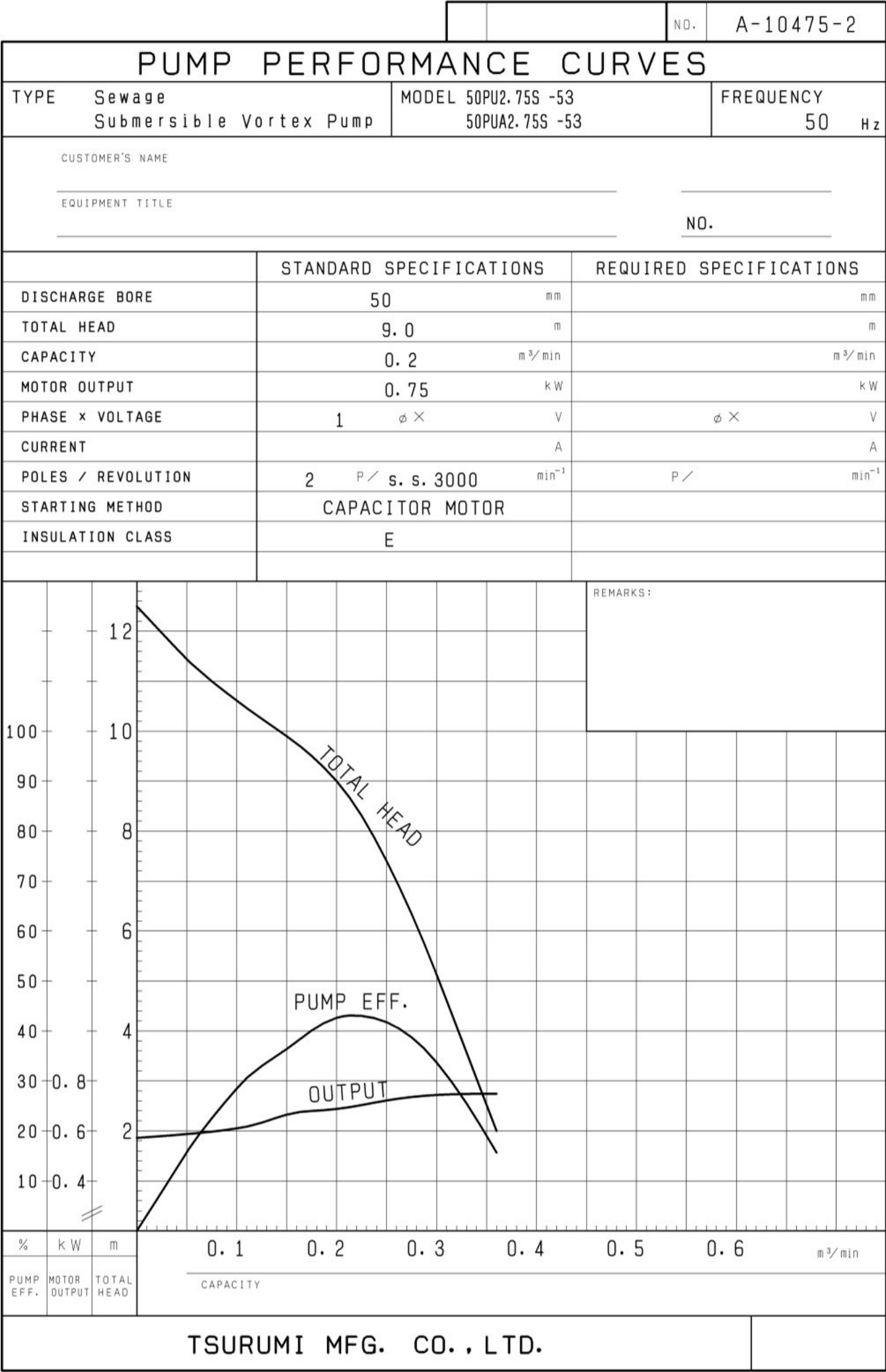


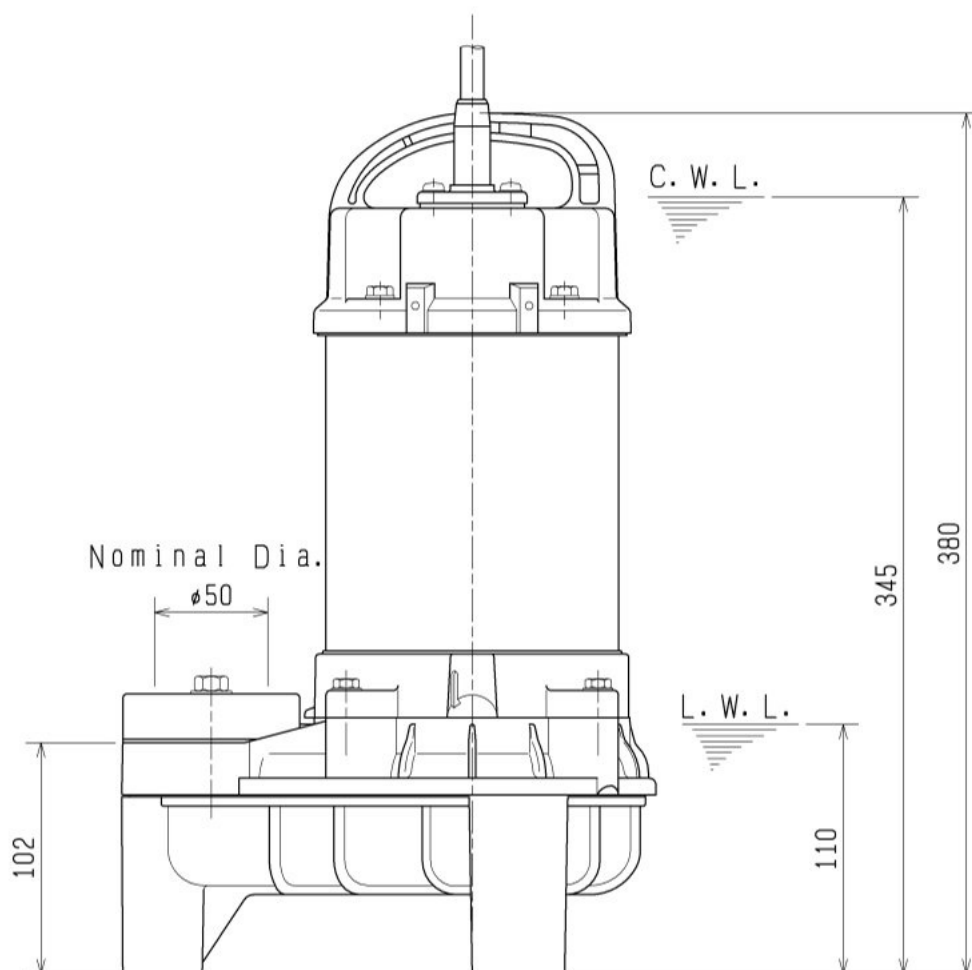
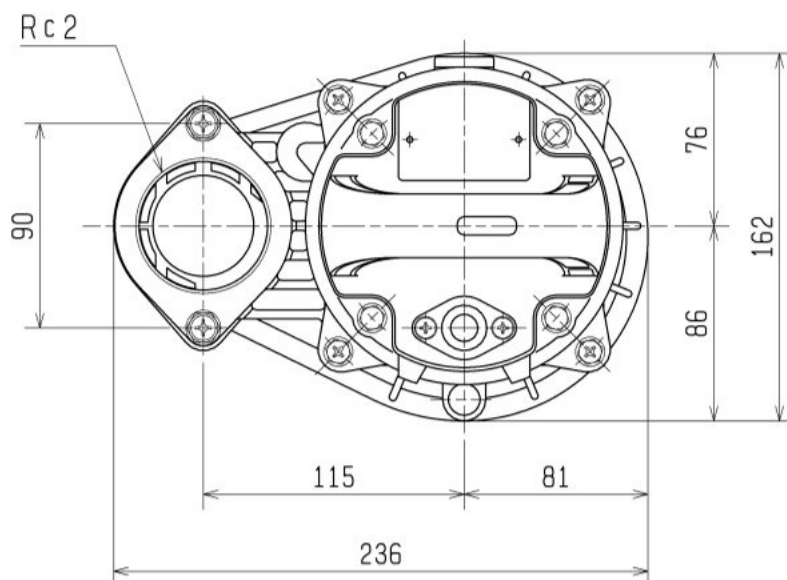
SPECIFICATIONS	Model	50PU2.75S	PU-series
			0.75kW, 1-phase
Type of Pump Submersible vortex pump made of 304 stainless steel and resin suitable for pumping sewage, wastewater, storm water, etc.		Impeller Vortex impeller made of glass-fiber reinforced PPO	
Type of Fluid Sewage, wastewater, and water carrying solid matters		Solids Passage 50Hz – ϕ35mm 60Hz – ϕ35mm	
Temperature: 0 to 40°C		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 submerged.	
Discharge Bore 50mm		Bearings Permanently lubricated, deep-groove, double-shielded C3 ball bearings	
Motor Output 0.75kW		Shaft 304 stainless steel	
Power Supply Single-phase		Shaft Seal (Mechanical Seal) Furnished with a double-face mechanical seal located in oil chamber. Both upper and lower seal faces always run in a clean environment.	
Starting Method Capacitor Run		Upper Seal Faces: Ceramic + Carbon Lower Seal Faces: SiC + Ceramic	
Motor Continuous-duty rated, dry-type induction motor		OIL LIFTER (Patented) Equipped in oil chamber. It forcibly supplies lubricating oil to the mechanical seal and continues to supply the oil to the upper seal faces even if lubricant falls below the rated volume.	
Insulation Class: E Degree of Protection: IP68		Type of Lubricating Oil & Volume Liquid Paraffin (ISO VG32), 240ml	
No. of Poles & Speed (Synchronous Speed) 2-pole, 3000/3600min ⁻¹ (50/60Hz)		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.	
Power Supply Voltages & Rated Currents 50Hz 60Hz 220V – 5.5A 110V – 9.0A 230V – 5.4A 220V – 5.0A 240V – 5.3A			
Power Cable Sheath: PVC Standard Length: 5m 200 to 240V supply: 1 × 3 × 1.25mm ² , O.D. 10.1mm 100 to 120V supply: 1 × 3 × 2.0mm ² , O.D. 10.9mm			
Dry Weight (excluding cable) Standard Model: 8.9kg Automatic Model: 9.5kg			
Optional Accessories			
TOK Set (Guide Rail Fitting Type) • Duckfoot Bend • Guide Support • Guide Hook • Lifting Chain 4m (with Shackles)			
TSURUMI MANUFACTURING CO., LTD.			



DIMENSION DRAWING		No.	No.
TYPE	Sewage Submersible Vortex Pump	MODEL	50PU2.75S -53/63

Approximate Weight (※)
8.9kg

※excluding cable



L.W.L.: Lowest running Water Level
C.W.L.: Continuous running Water Level

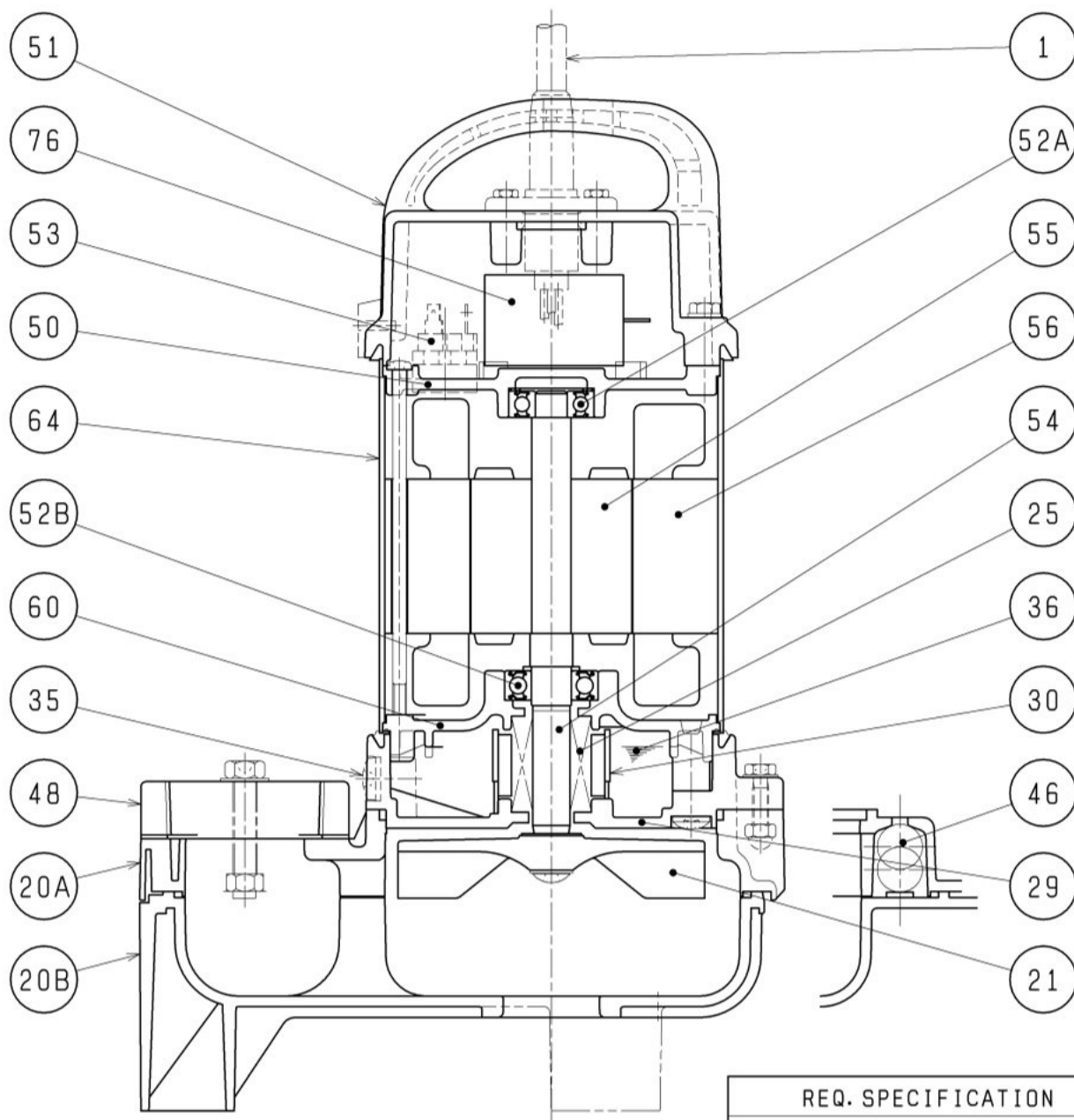
SECTIONAL DRAWING

No.

No.	A-17606-2
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TYPE Submersible Vortex
Sewage Pump

MODEL	50PU2.75S -53 /63
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REQ. SPECIFICATION

* Upper and lower blocks form a one-piece casing.

No.	DESCRIPTION	QTY	MATERIAL / NOTE	No.	DESCRIPTION	QTY	MATERIAL / NOTE
1	Cabtyre Cable	1	PVC Sheath	52A	Upper Bearing	1	6201ZZC3
20A	Upper Pump Casing	* 1	Plastic W/GF	52B	Lower Bearing	1	6302ZZC3
20B	Lower Pump Casing		Plastic	53	Motor Protector	1	
21	Impeller	1	Plastic W/GF	54	Shaft	1	Stainless Steel 304
25	Mechanical Seal	1	W-14HC	55	Rotor	1	
29	Oil Casing	1	Plastic W/GF	56	Stator	1	
30	Oil Lifter	1	Plastic	60	Bearing Housing	1	Aluminium Die Casting
35	Oil Plug	1	Stainless Steel 304	64	Motor Frame	1	Stainless Steel 304
36	Lubricant		Liquid Paraffin (ISO VG32)	76	Capacitor	1	
46	Air Release Valve	1	Glass Ball				
48	Screwed Flange	1	Plastic W/GF				
50	Motor Bracket	1	Aluminium Die Casting				
51	Head Cover	1	Plastic W/GF				

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