NO. A-08173-1

PUMP PERFORMANCE CURVES

TYPE	MODEL	FREQUENCY
SUBMERSIBLE SEMI-SAND PUMP	KTV2-80	50 Hz

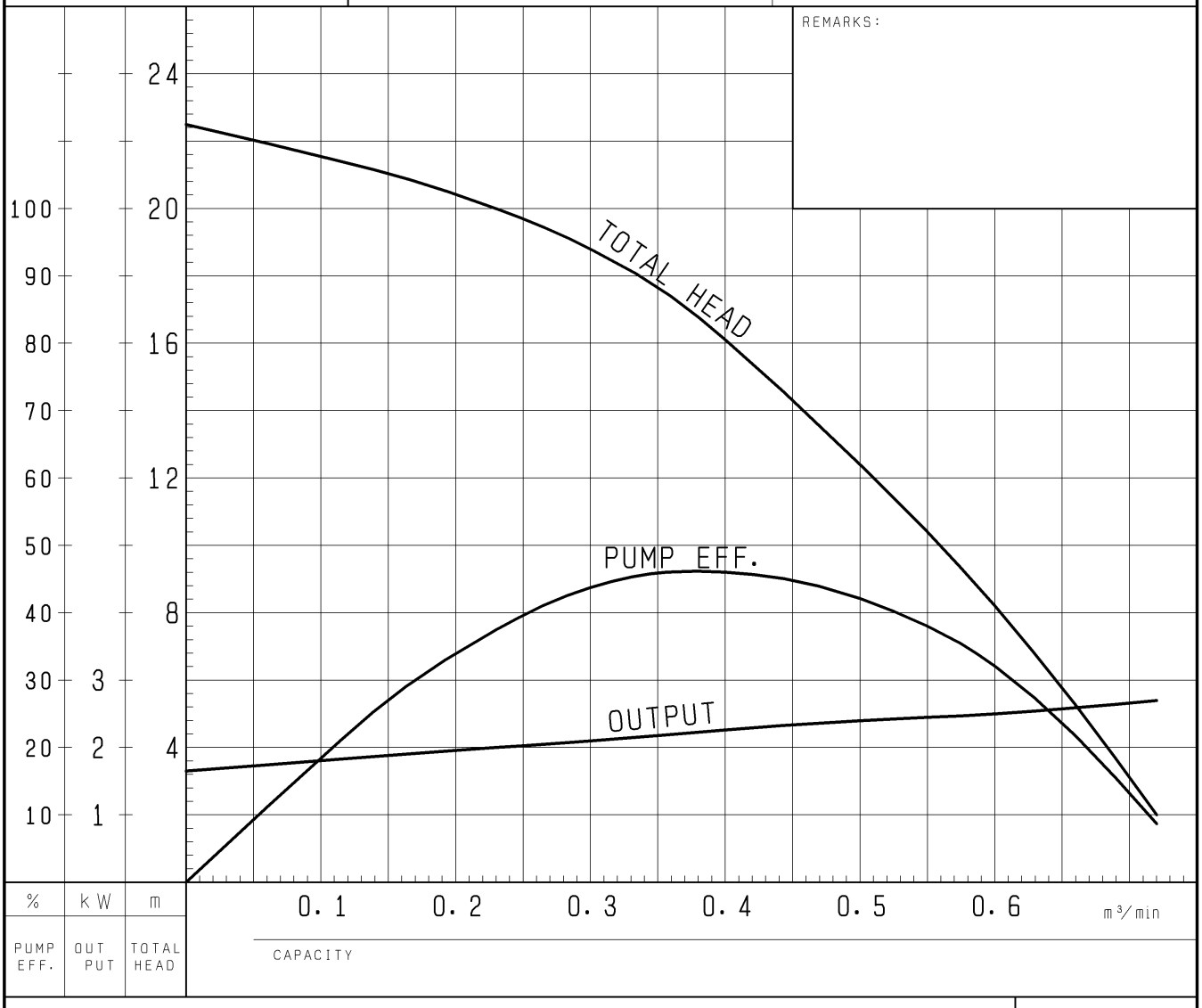
CUSTOMER'S NAME

EQUIPMENT TITLE

NO.

	STANDARD SPECIFICATIONS	REQUIRED SPECIFICATIONS
DISCHARGE BORE	80 mm	mm
TOTAL HEAD	12 m	m
CAPACITY	0.5 m^3/min	m^3/min
MOTOR OUTPUT	3.0 kW	kW
PHASE × VOLTAGE	3 φ × V	φ × V
CURRENT	A	A
POLES / REVOLUTION	2 P / S.S. 3000 min^{-1}	P / min^{-1}
STARTING METHOD	DIRECT ON LINE	
INSULATION CLASS	E	

REMARKS:



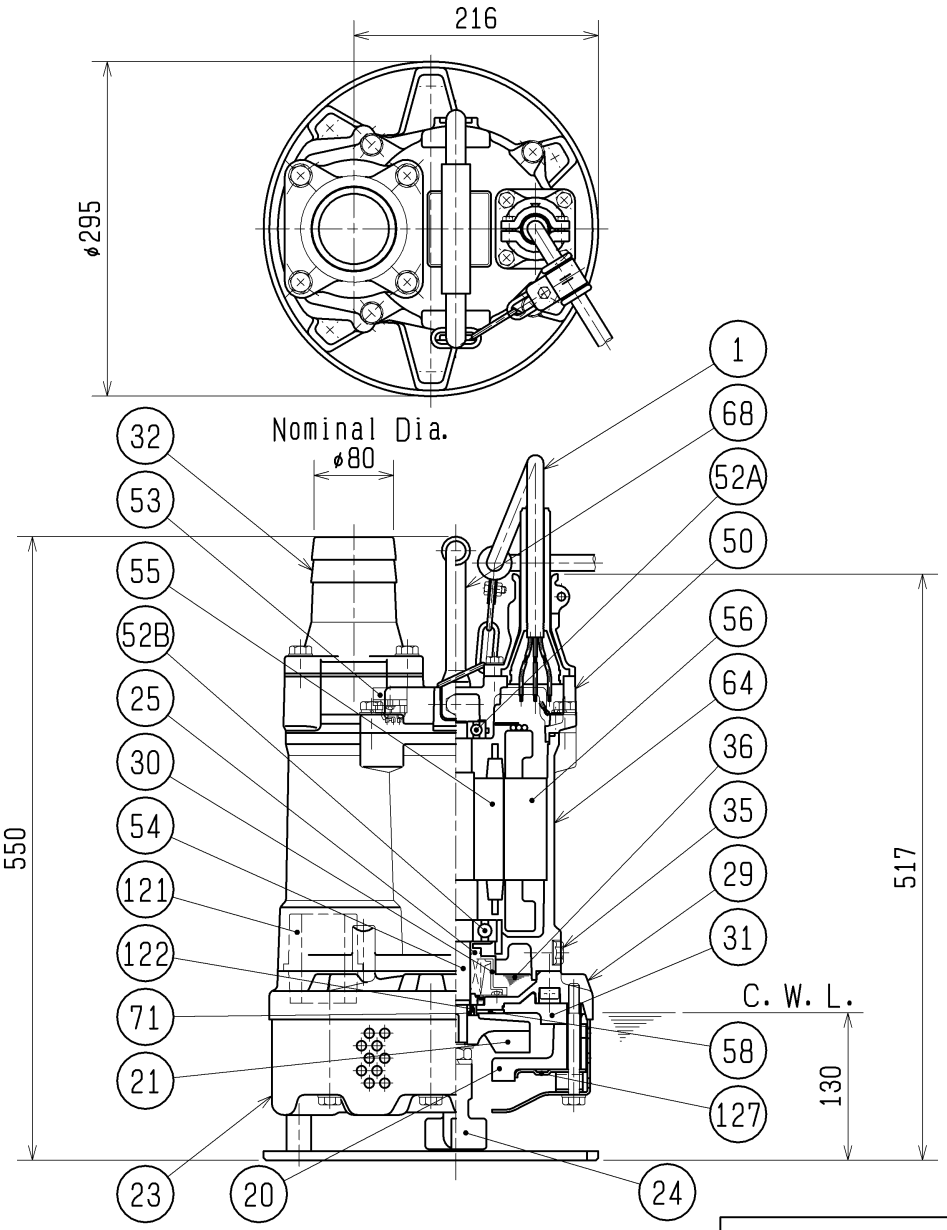
TSURUMI MFG. CO., LTD.

TSURUMI PUMP

DIMENSIONAL・SECTIONAL DRAWING	No.		No.	A-08175-5
TYPE SUBMERSIBLE SEMI-SAND PUMP		MODEL KTV2-80		

Approximate Weight(※)
38kg

※excluding cable



REQ. SPECIFICATION

C. W. L. :Continuous running Water Level

No.	DESCRIPTION	Q'TY	MATERIAL / NOTE	No.	DESCRIPTION	Q'TY	MATERIAL / NOTE
1	Cabtyre Cable	1	Chloroprene Sheath	52B	Lower Bearing	1	6306ZZC3
20	Pump Casing	1	Butadien Rubber + Natural Rubber	53	Motor Protector	1	
21	Impeller	1	Chromium Iron Casting	54	Shaft	1	Stainless Steel 403
23	Strainer Stand	1	Steel Sheet & Carbon Steel Pipe	55	Rotor	1	
24	Stirrer	1	Ductile Iron Casting	56	Stator	1	
25	Mechanical Seal	1	H-25T	58	Protection Plate	1	Stainless Steel 304
29	Oil Casing	1	Aluminium Die Casting	64	Motor Frame	1	Aluminium Die Casting
30	Oil Lifter	1	Plastic	68	Handle	1	Carbon Steel Pipe & Rubber
31	Rear Liner	1	Butadien Rubber	71	Shaft Sleeve	1	Stainless Steel 304
32	Hose Coupling	1	Aluminium Die Casting	121	Packing	1	Styrene Butadien Rubber
35	Oil Plug	1	Stainless Steel 304	122	V-ring	1	Nitrile Butadien Rubber
36	Lubricant		Turbine Oil (ISO VG32)	127	Fixing Plate	1	Steel Sheet
50	Motor Bracket	1	Aluminium Die Casting				
52A	Upper Bearing	1	6304ZZC3				

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unit:mm