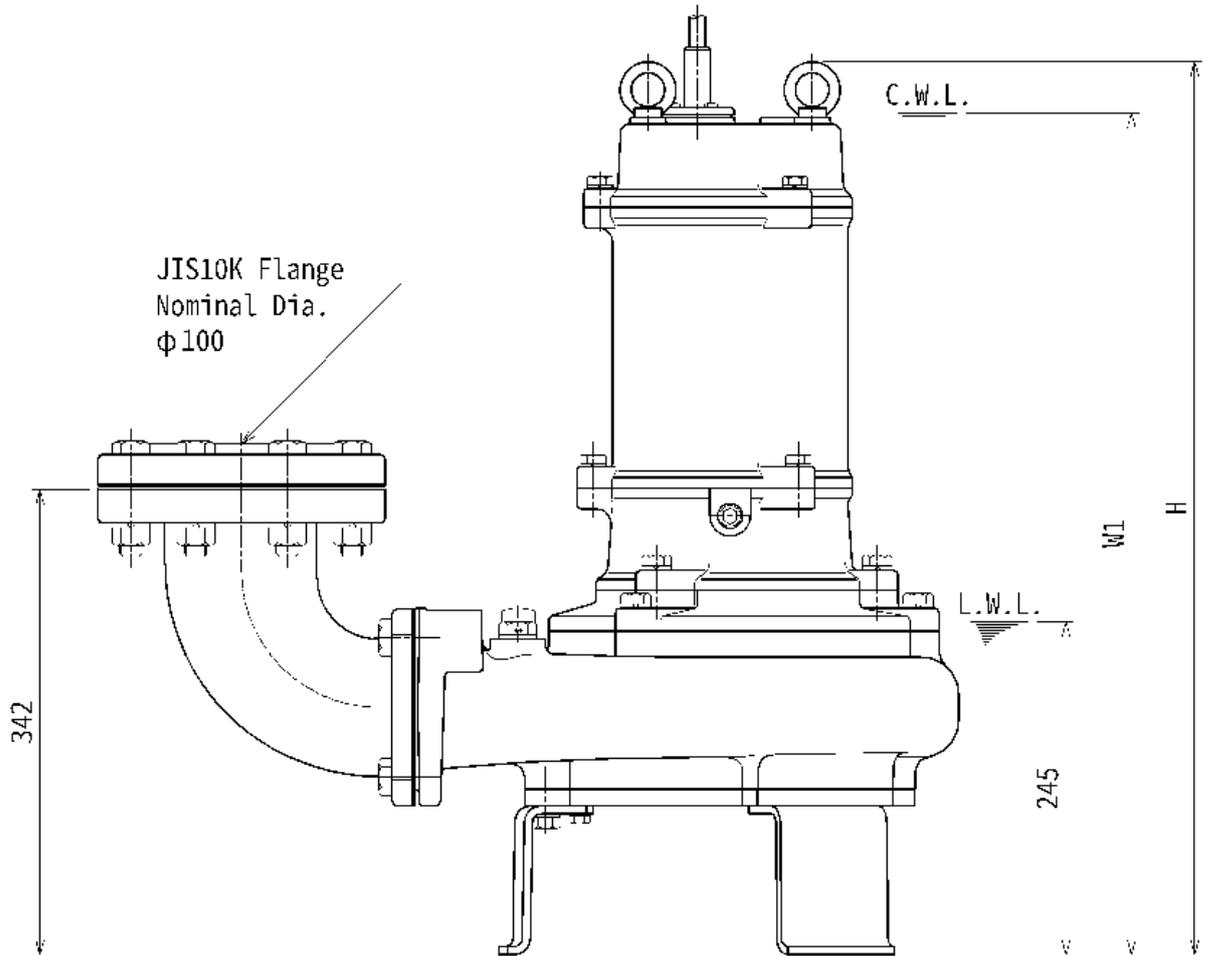
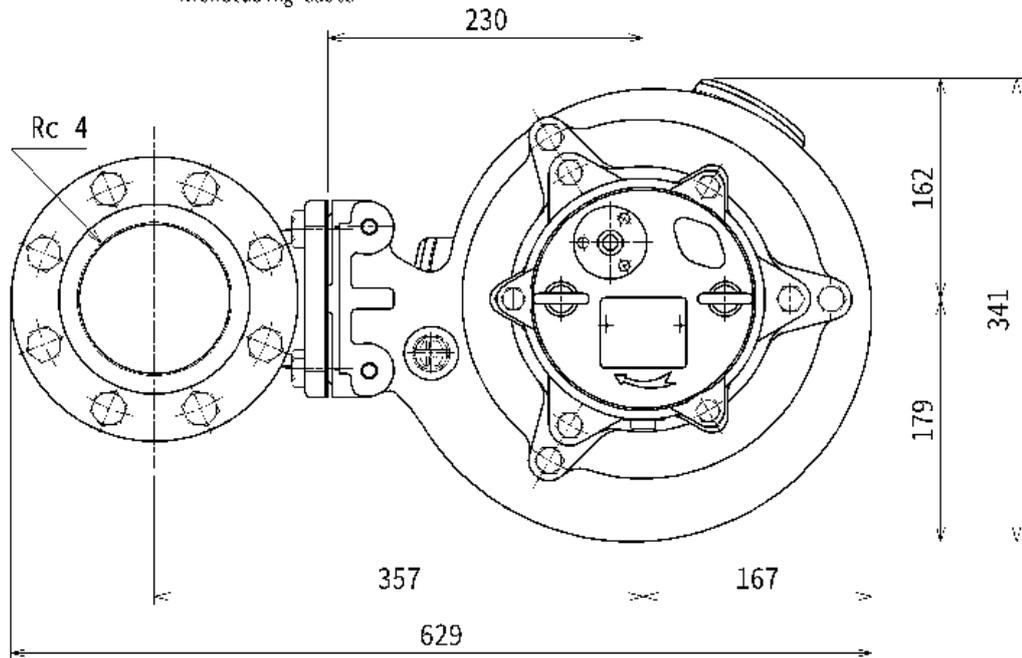


DIMENSION DRAWING		No.	No.	A-28156-1
TYPE	Submersible Sewage & Wastewater Pump	MODEL	100CZ42.2 -51/61 100CZ43.7 -51/61	

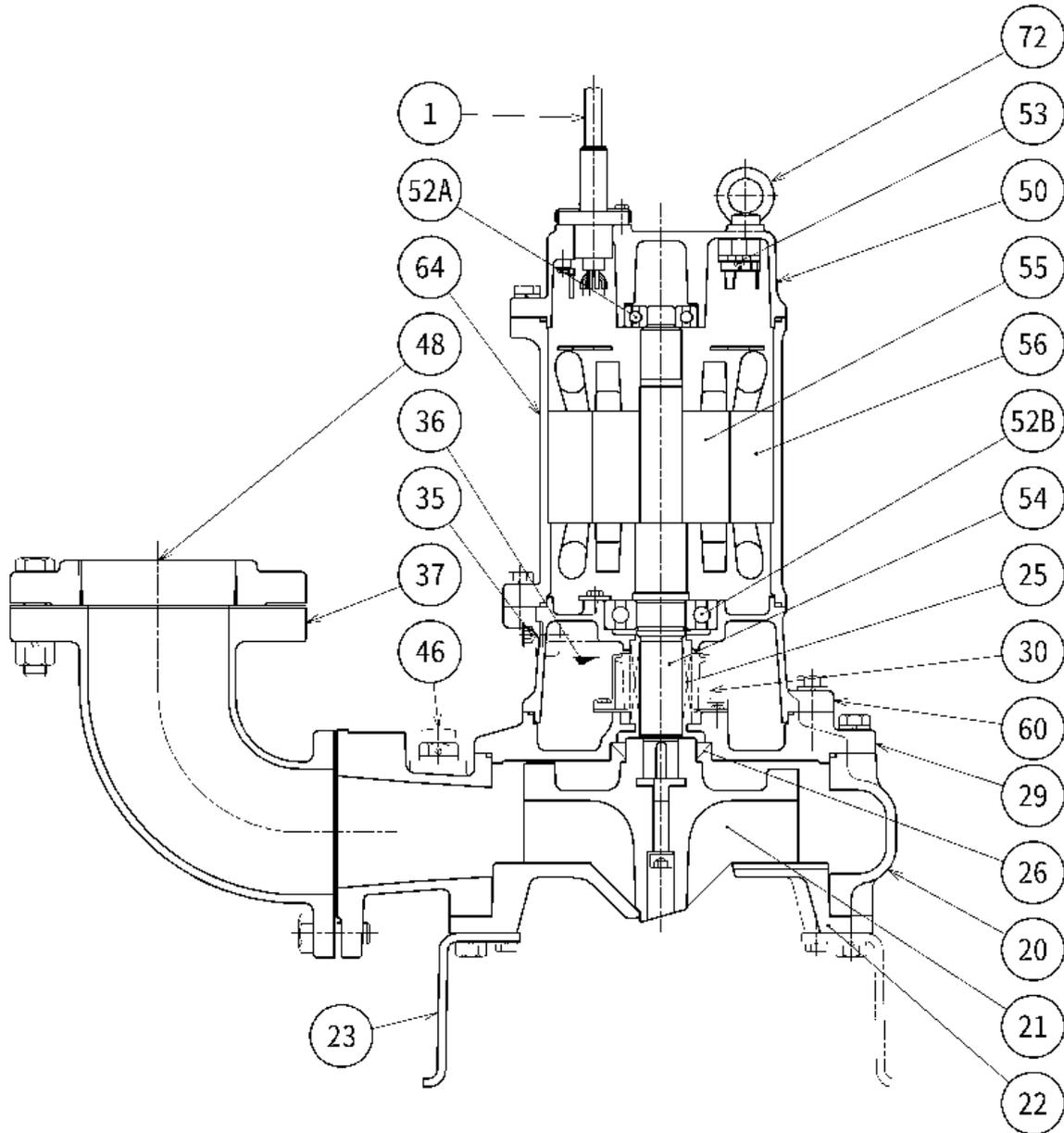
MODEL	W1	H	Approximate Weight(※)
100CZ42.2-51/61	620	658	81kg
100CZ43.7-51/61	670	708	92kg

※excluding cable



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

SECTIONAL DRAWING		No.	No.	A-28157-2
TYPE	Submersible Sewage & Wastewater Pump	MODEL	100CZ42.2 -51/61 100CZ43.7 -51/61	



			REQ. SPECIFICATION				
※1	2.2kW H-30A	3.7kW H-35A					
※2	6307ZZC3	6309ZZC3					
No.	DESCRIPTION	Q'TY	MATERIAL / NOTE	No.	DESCRIPTION	Q'TY	MATERIAL / NOTE
1	Cable	1	PVC Sheath	48	Screwed Flange	1	Gray Iron Casting 200
20	Pump Casing	1	Gray Iron Casting 250	50	Motor Bracket	1	Gray Iron Casting 200
21	Impeller	1	Ductile Iron Casting 500	52A	Upper Bearing	1	6304ZZC3
22	Suction Cover	1	Ductile Iron Casting 500	52B	Lower Bearing	1	※2
23	Stand	3	Steel Plate	53	Motor Protector	1	
25	Mechanical Seal	1	※1	54	Shaft	1	420J2 Stainless Steel
26	Oil Seal	1	TC507212	55	Rotor	1	
29	Oil Casing	1	Gray Iron Casting 250	56	Stator	1	
30	Oil Lifter	1	Plastic	60	Bearing Housing	1	Gray Iron Casting 200
35	Oil Plug	1	304 Stainless Steel	64	Motor Frame	1	Gray Iron Casting 200
36	Lubricant		Turbine Oil (ISO VG32)	72	Eyebolt	2	304 Stainless Steel
37	Discharge Bend	1	Gray Iron Casting 200				
46	Air Release Valve	1	Nylon				

No. A-28153-1

PUMP PERFORMANCE CURVES

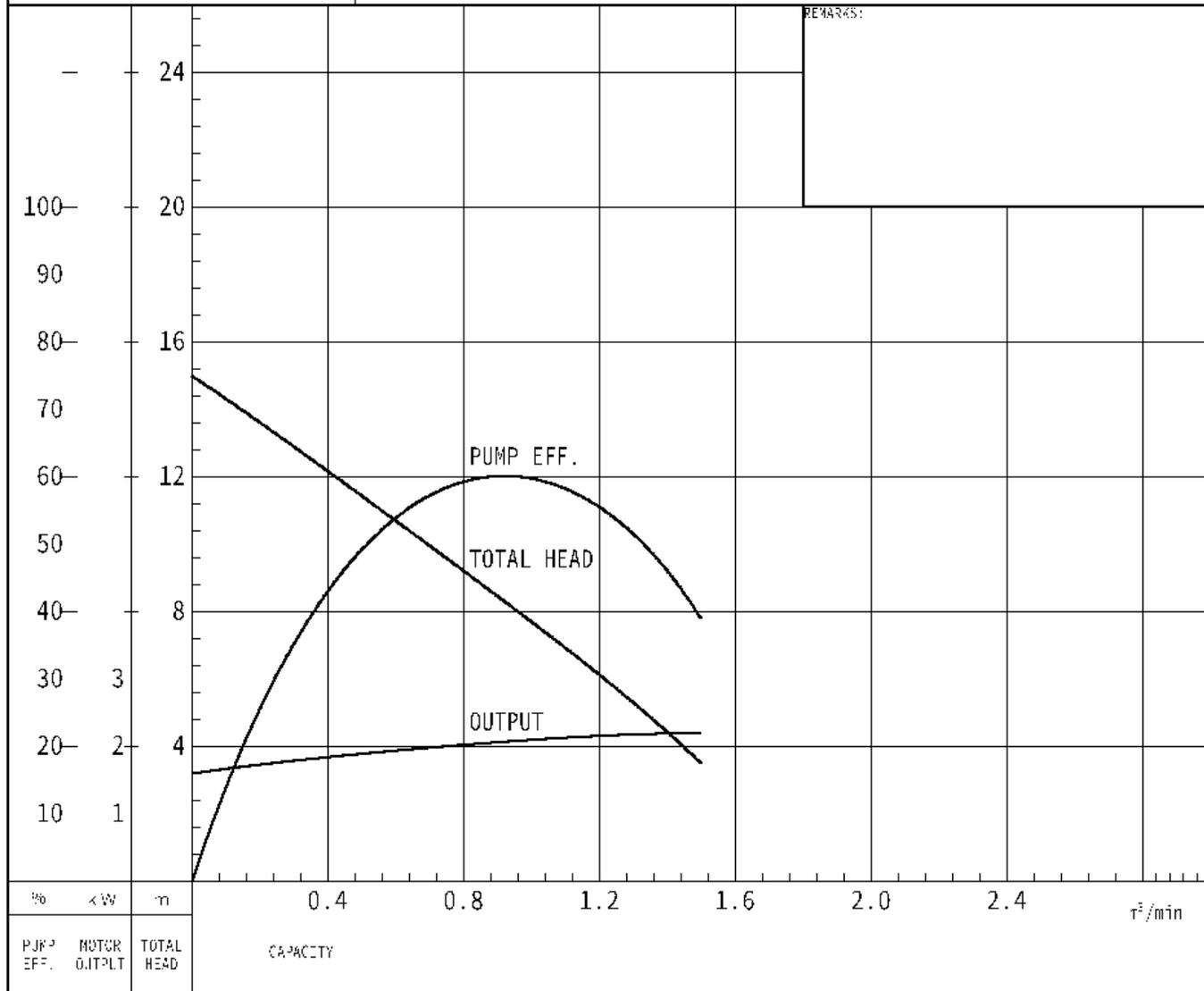
TYPE Submersible Sewage & Wastewater Pump	MODEL 100CZ42.2 -61 TOS100CZ42.2 -61	FREQUENCY 60 Hz
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CUSTOMER'S NAME _____

EQUIPMENT TITLE _____

No. _____

	STANDARD SPECIFICATIONS	REQUIRED SPECIFICATIONS
DISCHARGE BORE	100 mm	mm
TOTAL HEAD	MAX. 15 m	m
CAPACITY	MAX. 1.5 m ³ /min	m ³ /min
MOTOR OUTPUT	2.2 kw	kw
PHASE × VOLTAGE	3 φ × V	φ × V
CURRENT	A	A
POLES SPEED OF ROTATION	4 P / S.S.1800 min ⁻¹	P / min ⁻¹
STARTING METHOD	DIRECT ON LINE	
INSULATION CLASS	F	

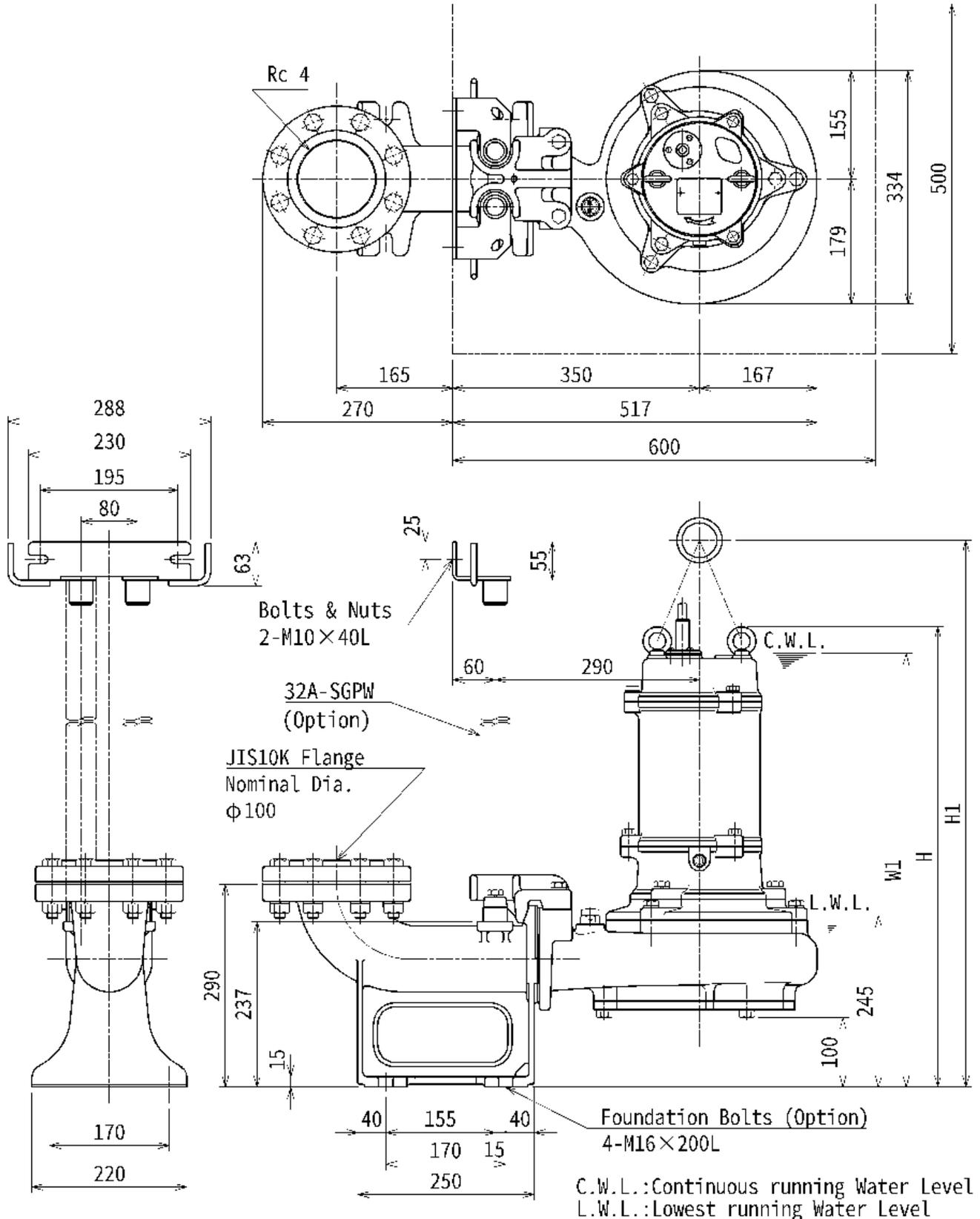


TSURUMI MFG. CO., LTD.

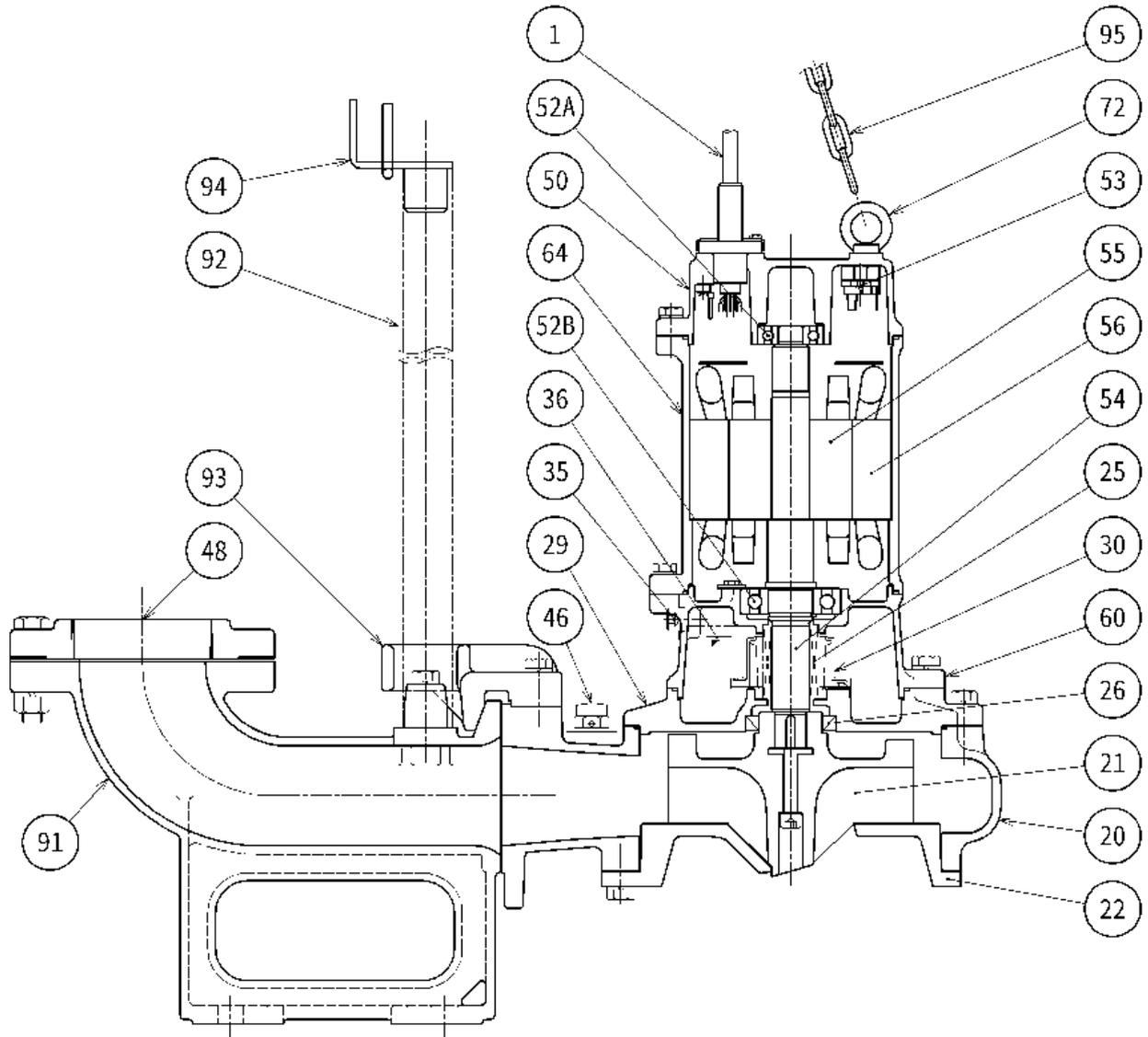
DIMENSION DRAWING		No.	No.	A-28158-1
TYPE	Submersible Sewage & Wastewater Pump	MODEL	TOS100CZ42.2 -51/61 TOS100CZ43.7 -51/61	

MODEL	W1	H	H1	Approximate Weight (kg)	
				Duckfoot Bend	Pump
TOS100CZ42.2-51/61	620	659	782	23kg	69kg
TOS100CZ43.7-51/61	670	709	832	23kg	80kg

※excluding cable



SECTIONAL DRAWING		No.	No.	A-28159-2
TYPE	Submersible Sewage & Wastewater Pump	MODEL	TOS100CZ42.2 -51/61 TOS100CZ43.7 -51/61	



			REQ. SPECIFICATION				
	2.2kW	3.7kW					
∴1	H-30A	H-35A					
※2	6307ZZC3	6309ZZC3					
No.	DESCRIPTION	Q'TY	MATERIAL / NOTE	No.	DESCRIPTION	Q'TY	MATERIAL / NOTE
1	Cable	1	PVC Sheath	53	Motor Protector	1	
20	Pump Casing	1	Gray Iron Casting 250	54	Shaft	1	420J2 Stainless Steel
21	Impeller	1	Ductile Iron Casting 500	55	Rotor	1	
22	Suction Cover	1	Ductile Iron Casting 500	56	Stator	1	
25	Mechanical Seal	1	※1	60	Bearing Housing	1	Gray Iron Casting 200
26	Oil Seal	1	TC507212	64	Motor Frame	1	Gray Iron Casting 200
29	Oil Casing	1	Gray Iron Casting 250	72	Eyebolt	2	304 Stainless Steel
30	Oil Lifter	1	Plastic	91	Duck Foot Bend	1	Gray Iron Casting 200
35	Oil Plug	1	304 Stainless Steel	92	Guide Pipe	2	Galvanized Steel Pipe(Optional)
36	Lubricant		Turbine Oil (ISO VG32)	93	Guide Hook	1	Ductile Iron Casting 450
46	Air Release Valve	1	Nylon	94	Guide Support	1	304 Stainless Steel
48	Scrowed Flange	1	Gray Iron Casting 200	95	Chain	1	Structure Steel 400,5n
50	Motor Bracket	1	Gray Iron Casting 200				
52A	Upper Bearing	1	6304ZZC3				
52B	Lower Bearing	1	※2				

No. A-28153-1

PUMP PERFORMANCE CURVES

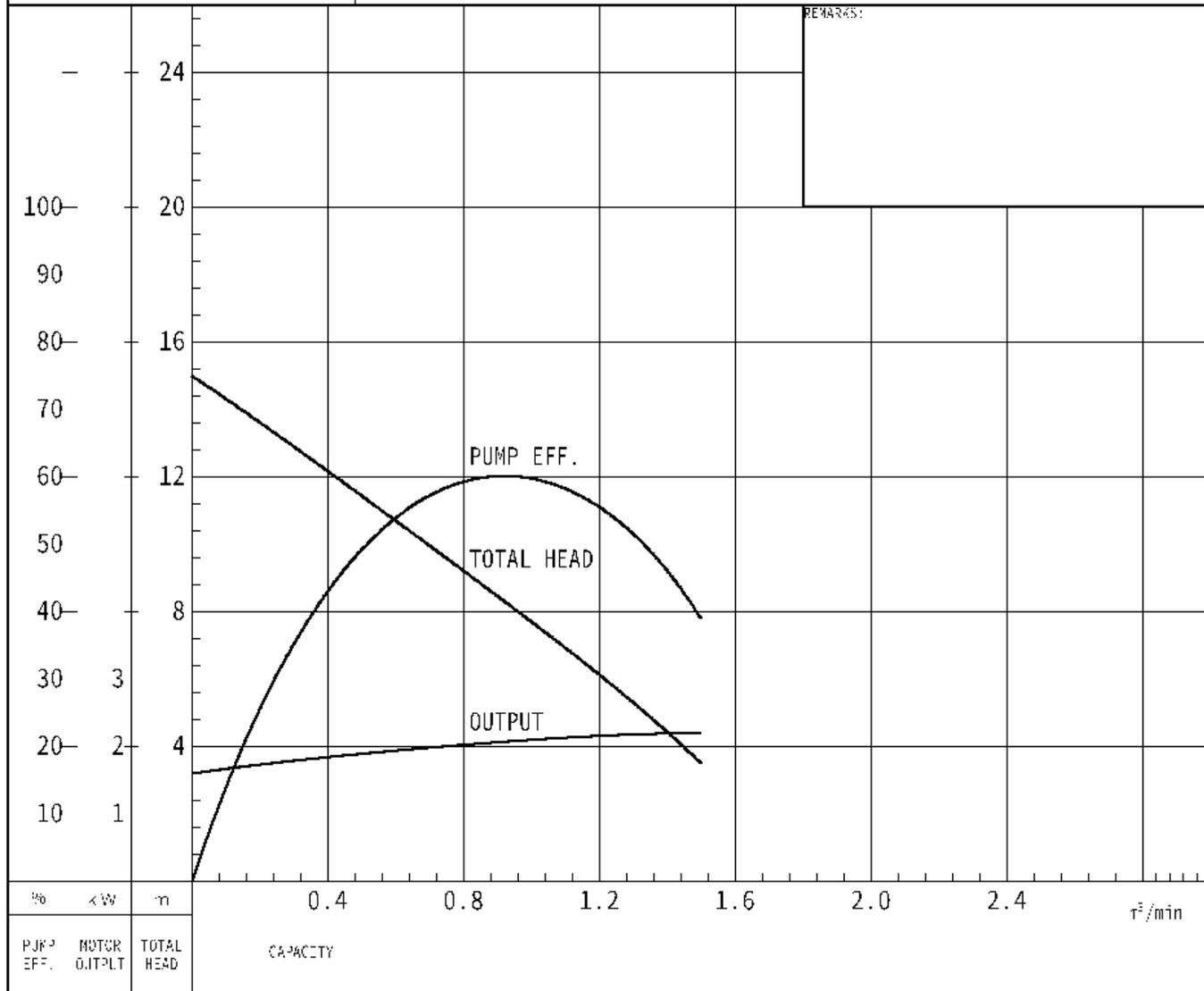
TYPE Submersible Sewage & Wastewater Pump	MODEL 100CZ42.2 -61 TOS100CZ42.2 -61	FREQUENCY 60 Hz
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CUSTOMER'S NAME _____

EQUIPMENT TITLE _____

No. _____

	STANDARD SPECIFICATIONS	REQUIRED SPECIFICATIONS
DISCHARGE BORE	100 mm	mm
TOTAL HEAD	MAX. 15 m	m
CAPACITY	MAX. 1.5 m ³ /min	m ³ /min
MOTOR OUTPUT	2.2 kw	kw
PHASE × VOLTAGE	3 φ × V	φ × V
CURRENT	A	A
POLES SPEED OF ROTATION	4 P / S.S.1800 min ⁻¹	P / min ⁻¹
STARTING METHOD	DIRECT ON LINE	
INSULATION CLASS	F	



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