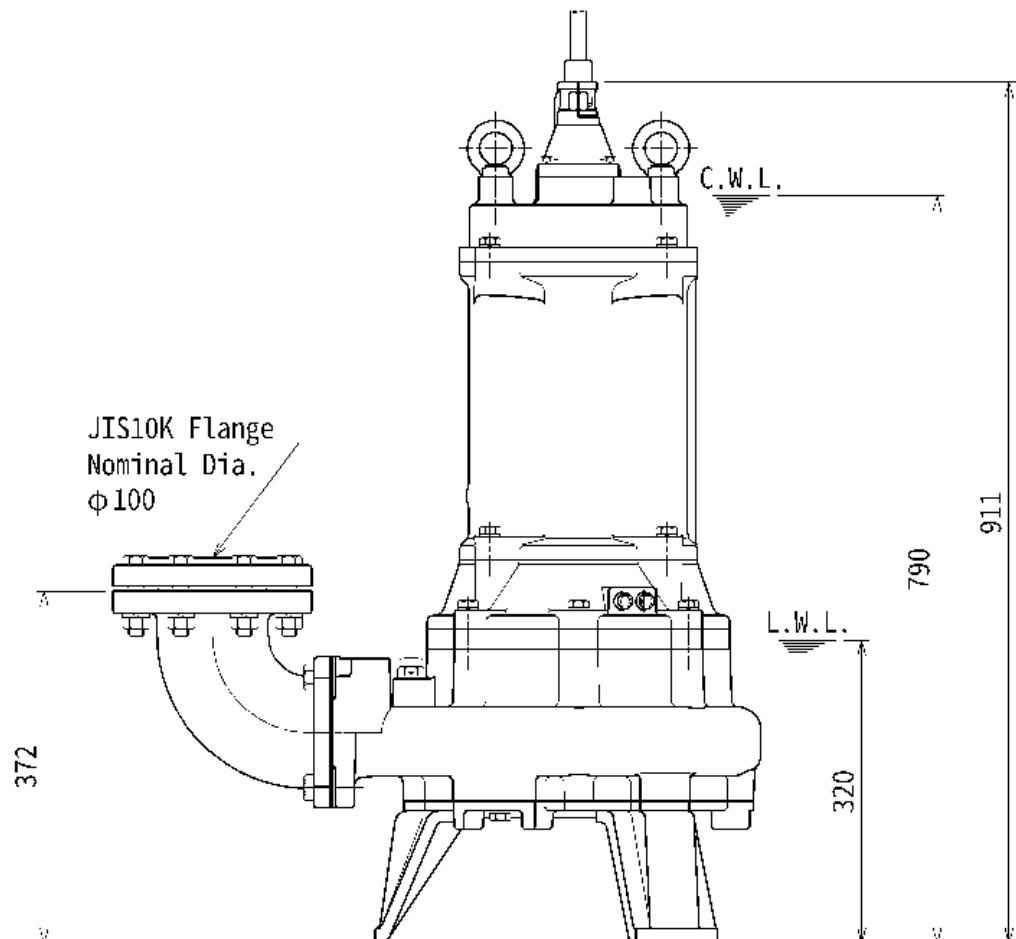
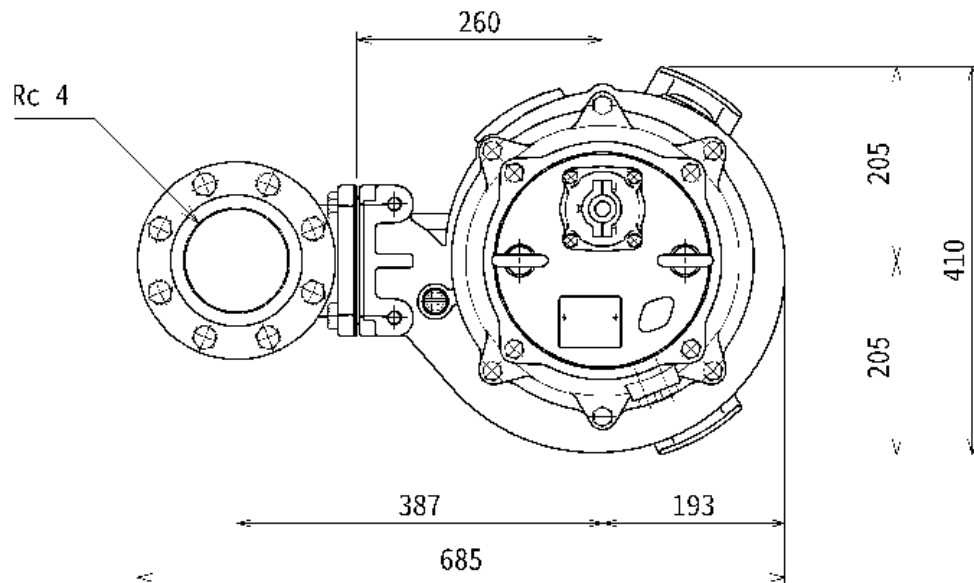


DIMENSION DRAWING		No.	No.	A-29313-1
TYPE	Submersible Sewage & Wastewater Pump	MODEL	100CZ47.5 -51/61	

Approximate
Weight(※)

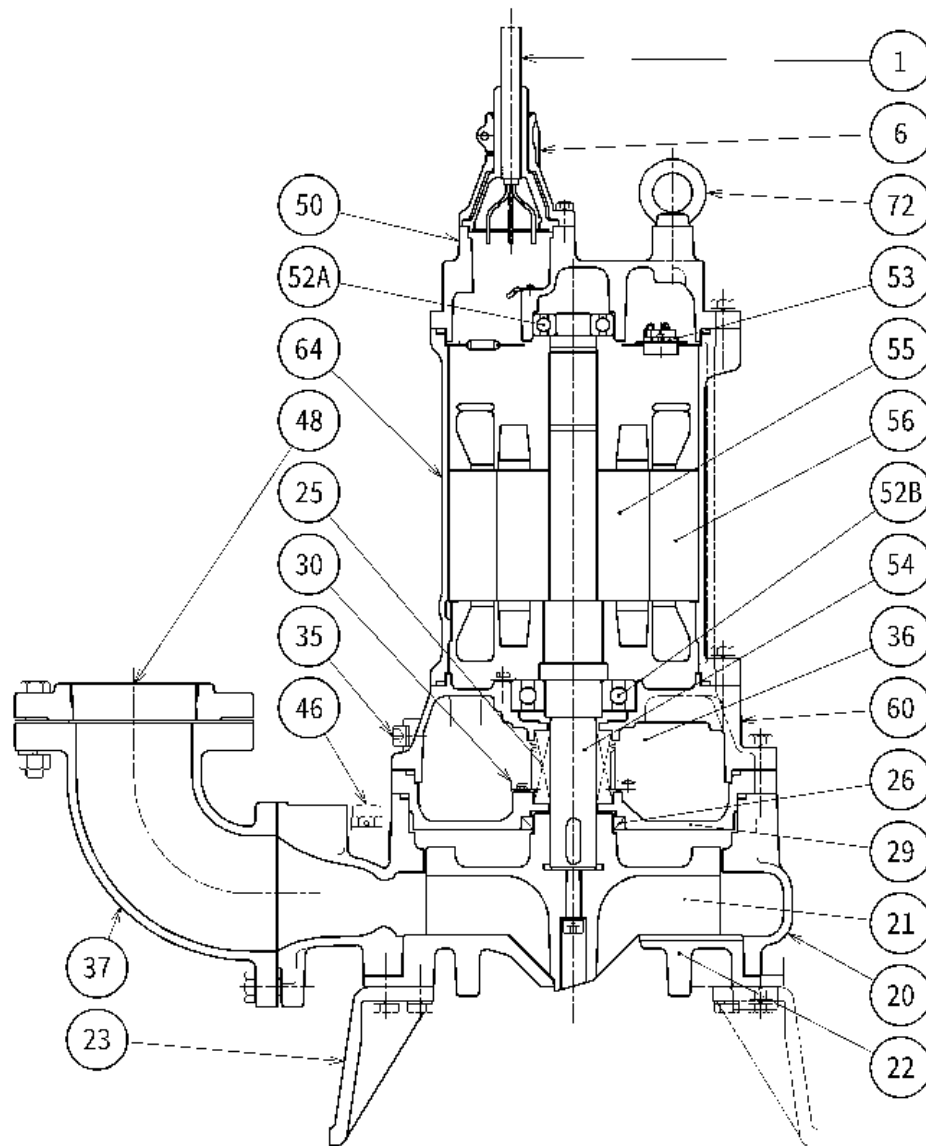
174kg

※excluding cable



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

SECTIONAL DRAWING		No.	No.	A-29314-1
TYPE	Submersible Sewage & Wastewater Pump	MODEL	100CZ47.5 -51/61	



REQ. SPECIFICATION

No.	DESCRIPTION	Q'TY	MATERIAL / NOTE	No.	DESCRIPTION	Q'TY	MATERIAL / NOTE
1	Cable	1	Chloroprene Sheath	48	Screwed Flange	1	Gray Iron Casting 200
6	Stuffing Box	1	Gray Iron Casting 200	50	Motor Bracket	1	Gray Iron Casting 200
20	Pump Casing	1	Gray Iron Casting 250	52A	Upper Bearing	1	6306ZZC3
21	Impeller	1	Ductile Iron Casting 500	52B	Lower Bearing	2	6310ZZC3
22	Suction Cover	1	Ductile Iron Casting 500	53	Motor Protector	1	
23	Stand	3	Gray Iron Casting 200	54	Shaft	1	420J2 Stainless Steel
25	Mechanical Seal	1	H-40X	55	Rotor	1	
26	Oil Seal	1	TC709212	56	Stator	1	
29	Oil Casing	1	Gray Iron Casting 250	60	Bearing Housing	1	Gray Iron Casting 200
30	Oil Lifter	1	Plastic	64	Motor Frame	1	Gray Iron Casting 200
35	Oil Plug	2	304 Stainless Steel	72	Eyebolt	2	304 Stainless Steel
36	Lubricant		Turbine Oil (ISO VG32)				
37	Discharge Bend	1	Gray Iron Casting 200				
46	Air Release Valve	1	Nylon				

No. A-29292-1

PUMP PERFORMANCE CURVES

TYPE **Submersible**
Sewage & Wastewater Pump

MODEL **100CZ47.5 -61**
TOS100CZ47.5 -61

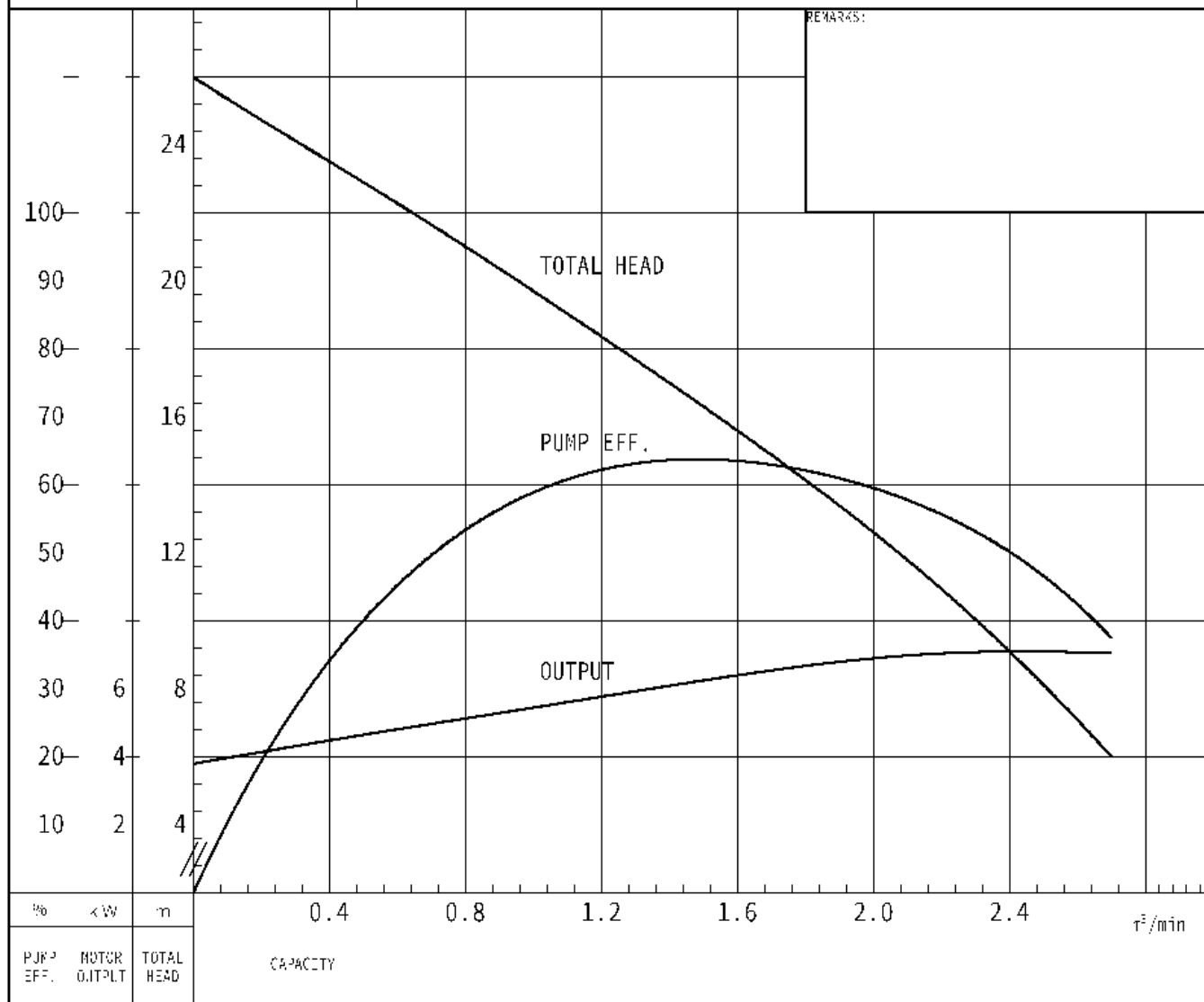
FREQUENCY
60 Hz

CUSTOMER'S NAME

EQUIPMENT TITLE

No.

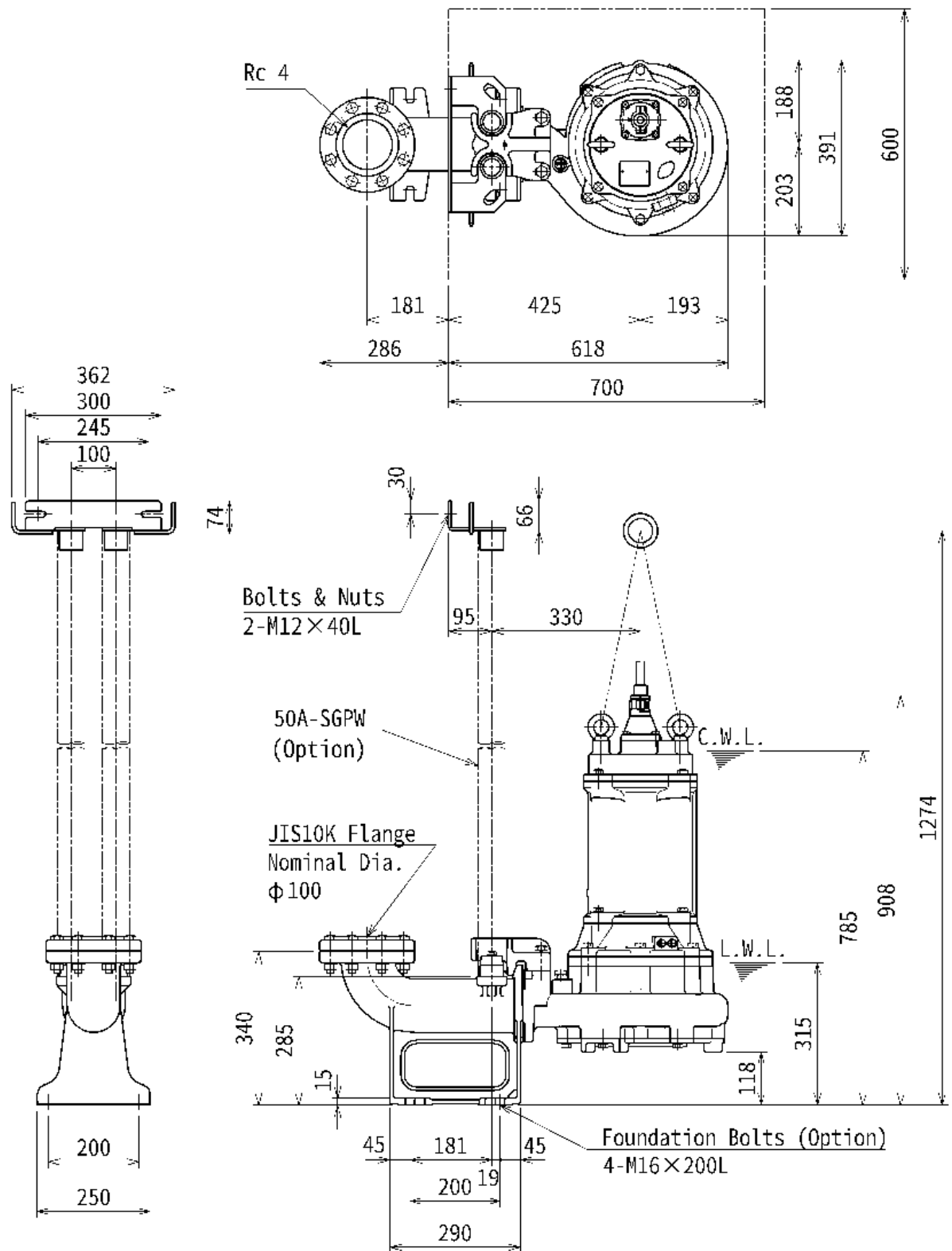
	STANDARD SPECIFICATIONS	REQUIRED SPECIFICATIONS
DISCHARGE BORE	100 mm	mm
TOTAL HEAD	MAX. 26 m	m
CAPACITY	MAX. 2.7 m ³ /min	m ³ /min
MOTOR OUTPUT	7.5 kW	kW
PHASE×VOLTAGE	3 φ × V	φ × V
CURRENT	A	A
POLES SPEED OF ROTATION	4 P / S.S.1800 min ⁻¹	P / min ⁻¹
STARTING METHOD	DIRECT ON LINE	
INSULATION CLASS	F	



DIMENSION DRAWING		No.	No.	A-29315-1
TYPE	Submersible Sewage & Wastewater Pump	MODEL	TOS100CZ47.5 -51/61	

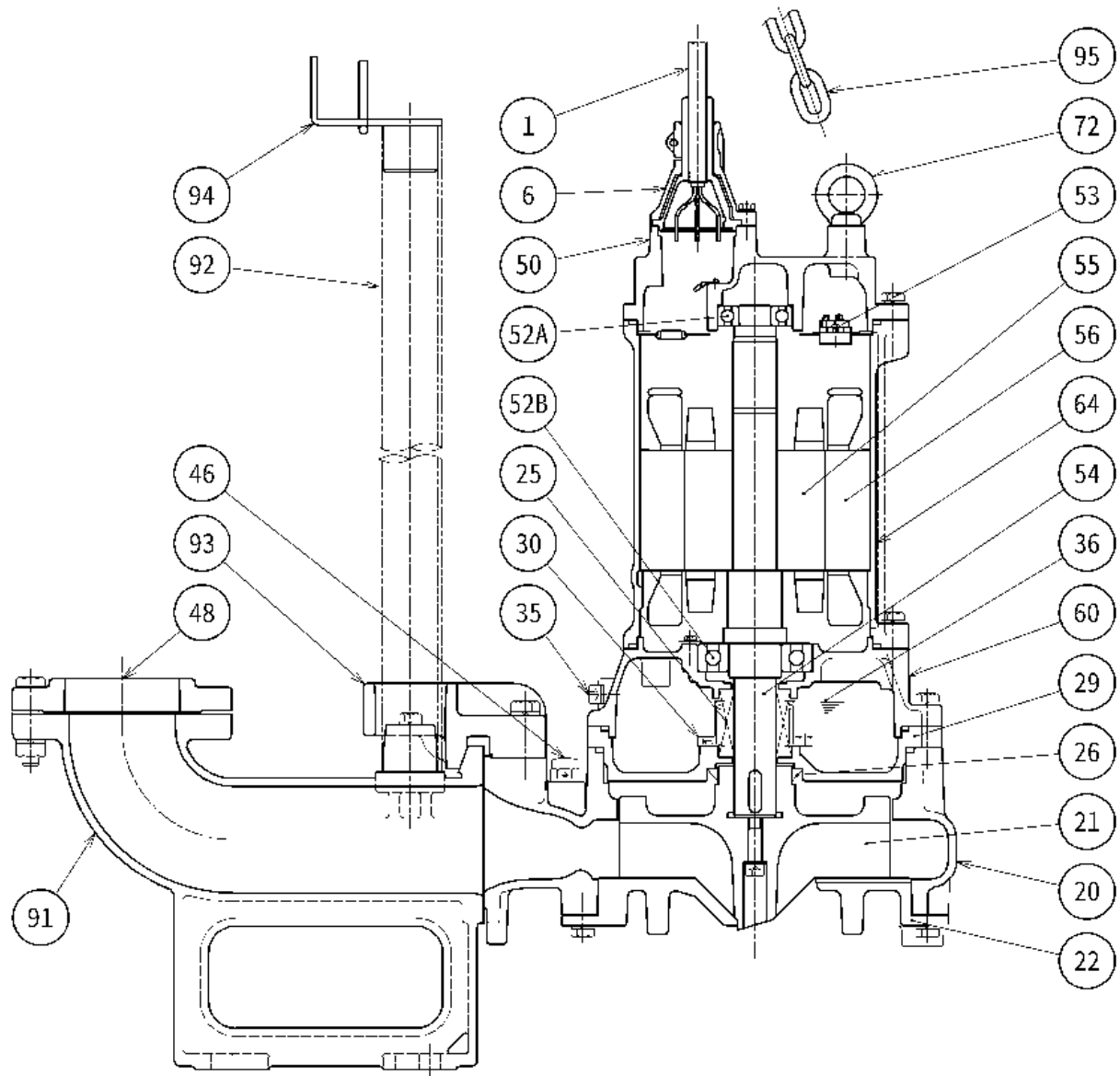
Approximate Weight(※)	
Duckfoot Bend	Pump
31kg	158kg

※excluding cable



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

SECTIONAL DRAWING			No.	No.	A-29316-1
TYPE	Submersible Sewage & Wastewater Pump		MODEL	TOS100CZ47.5 -51/61	



REQ. SPECIFICATION

No.	DESCRIPTION	Q'TY	MATERIAL / NOTE	No.	DESCRIPTION	Q'TY	MATERIAL / NOTE
1	Cable	1	Chloroprene Sheath	52B	Lower Bearing	1	6310ZZC3
6	Stuffing Box	1	Gray Iron Casting 200	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	H-40X	60	Bearing Housing	1	Gray Iron Casting 200
26	Oil Seal	1	TC709212	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	2	304 Stainless Steel	92	Guide Pipe	2	Galvanized Steel Pipe(Option)
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	Screwed Flange	1	Gray Iron Casting 200	95	Chain	1	Structure Steel 400,5m
50	Motor Bracket	1	Gray Iron Casting 200				
52A	Upper Bearing	1	6306ZZC3				

No. A-29292-1

PUMP PERFORMANCE CURVES

TYPE **Submersible**
Sewage & Wastewater Pump

MODEL **100CZ47.5 -61**
TOS100CZ47.5 -61

FREQUENCY
60 Hz

CUSTOMER'S NAME

EQUIPMENT TITLE

No.

	STANDARD SPECIFICATIONS	REQUIRED SPECIFICATIONS
DISCHARGE BORE	100 mm	mm
TOTAL HEAD	MAX. 26 m	m
CAPACITY	MAX. 2.7 m ³ /min	m ³ /min
MOTOR OUTPUT	7.5 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	

