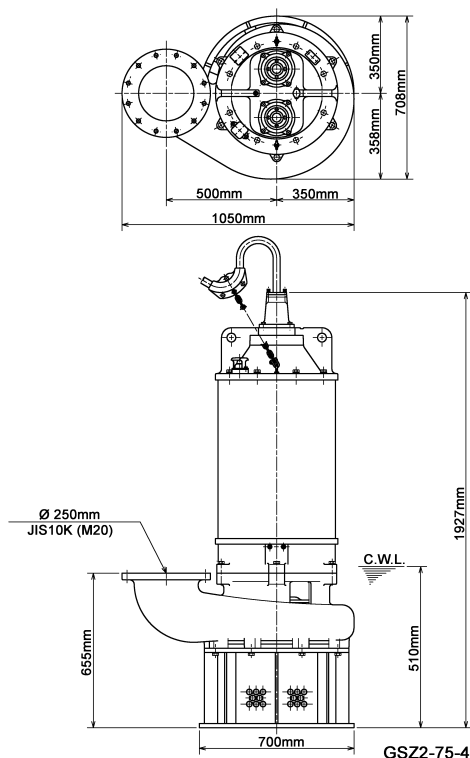
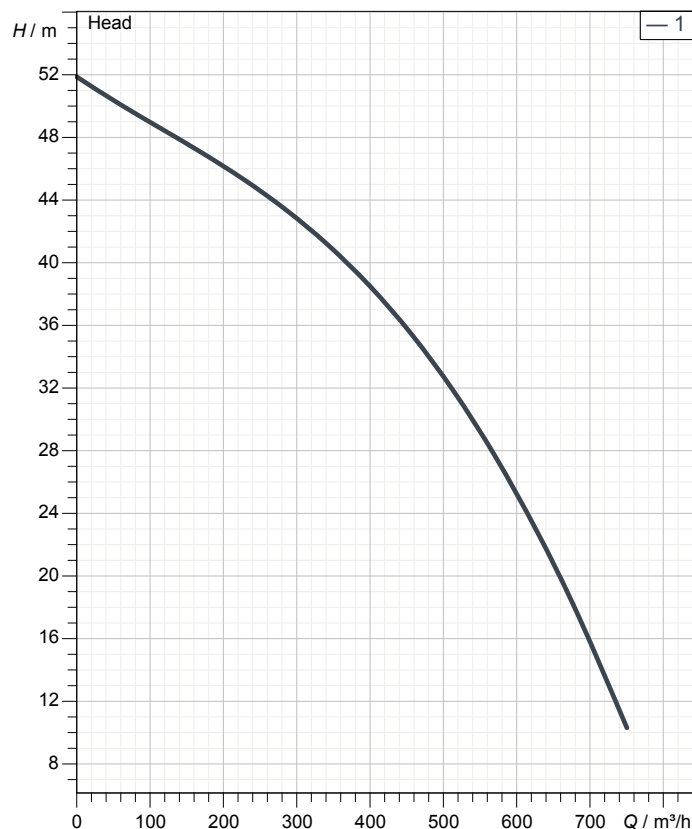


Data sheet GSZ2-75-4



CWL: Continuous running water level



Specification

Electric submersible pump GSZ-series
 Degree of protection IP 68
 Pressure resistance max. 20 m
 Type of impeller Closed
 Max. solid handling 25 mm
 Suitable for:
 rain water, ground water, sand water

Electric motor

Dry-type submersible induction motor
 Insulation class E 4Poles 1470 1/min
 Starting mode Star-delta
 Rated voltage 400 V 50 Hz 3~
 Power uptake 85,03 kW
 Rated power 75,00 kW
 Rated current 152 A
 Start current 1249,4 A

Cable

20m NSSHÖU(3Cx35mm²,3x16mm²/3E,2x2,5ST);NSSHÖU (3Cx35mm², 3x16mm²/3E)

Motor Protection

Miniature protector in windings
 (snap-action bi-metal device)

Shaft seal

Double inside mechanical seal in oil bath
 additional lubrication by oil lifting device
 Primary seal
 Silicon carbide on silicon carbide
 Secondary seal
 Silicon carbide on silicon carbide

Bearings

Shielded ball bearings, maintenance-free

Materials

Impeller	SCS13 (EN GX5CrNi19-10)
Pump casing	FC200 (EN-GJL-200)
Suction cover	FC200 (EN-GJL-200)
Motor Frame	FC200 (EN-GJL-200)
Shaft	SUS420J2 (EN-X30Cr13)

Discharge size

10" JIS10K Flange

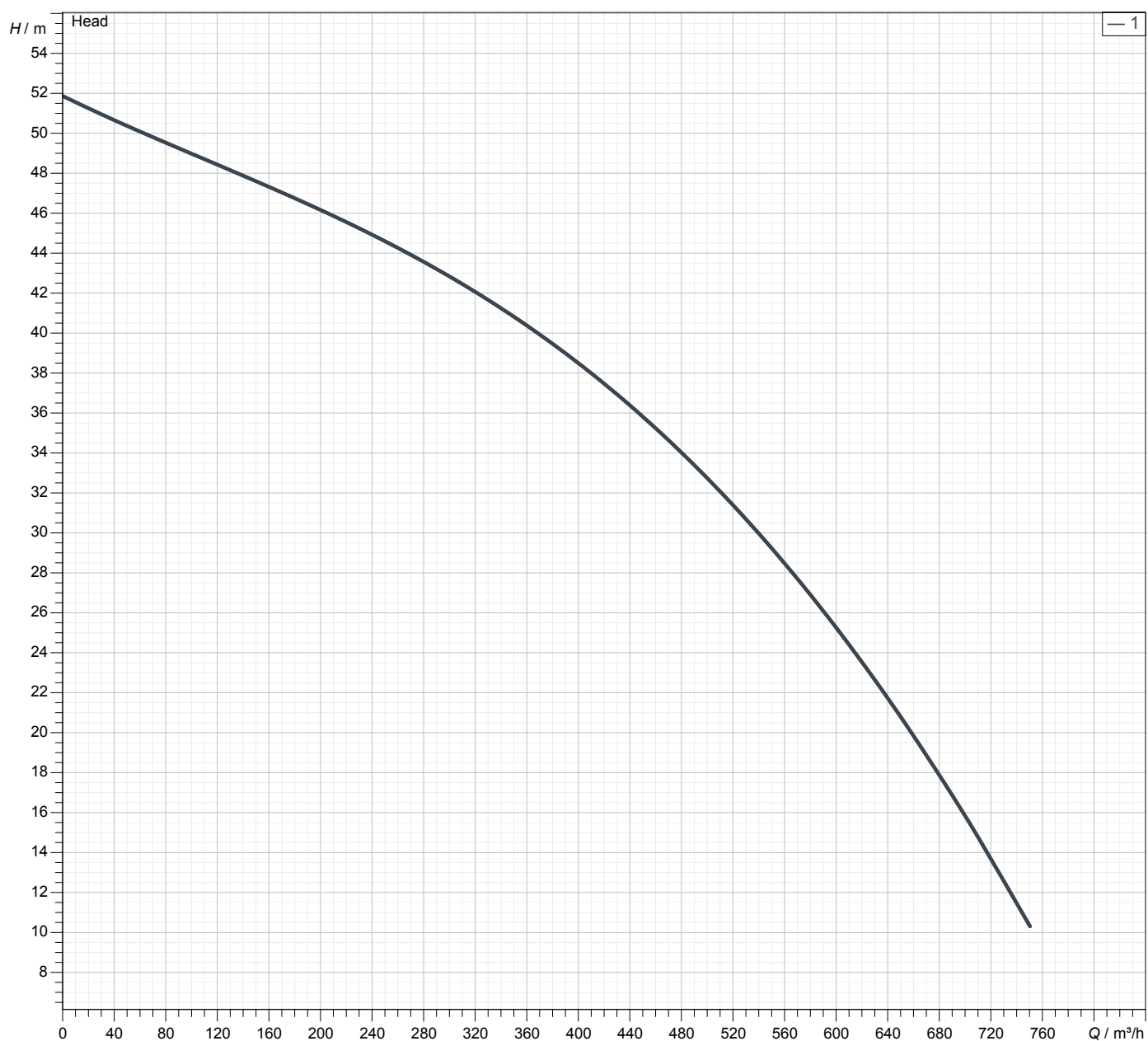
Weight

1200 kg (dry weight of the pump only without cable)

Performance curve

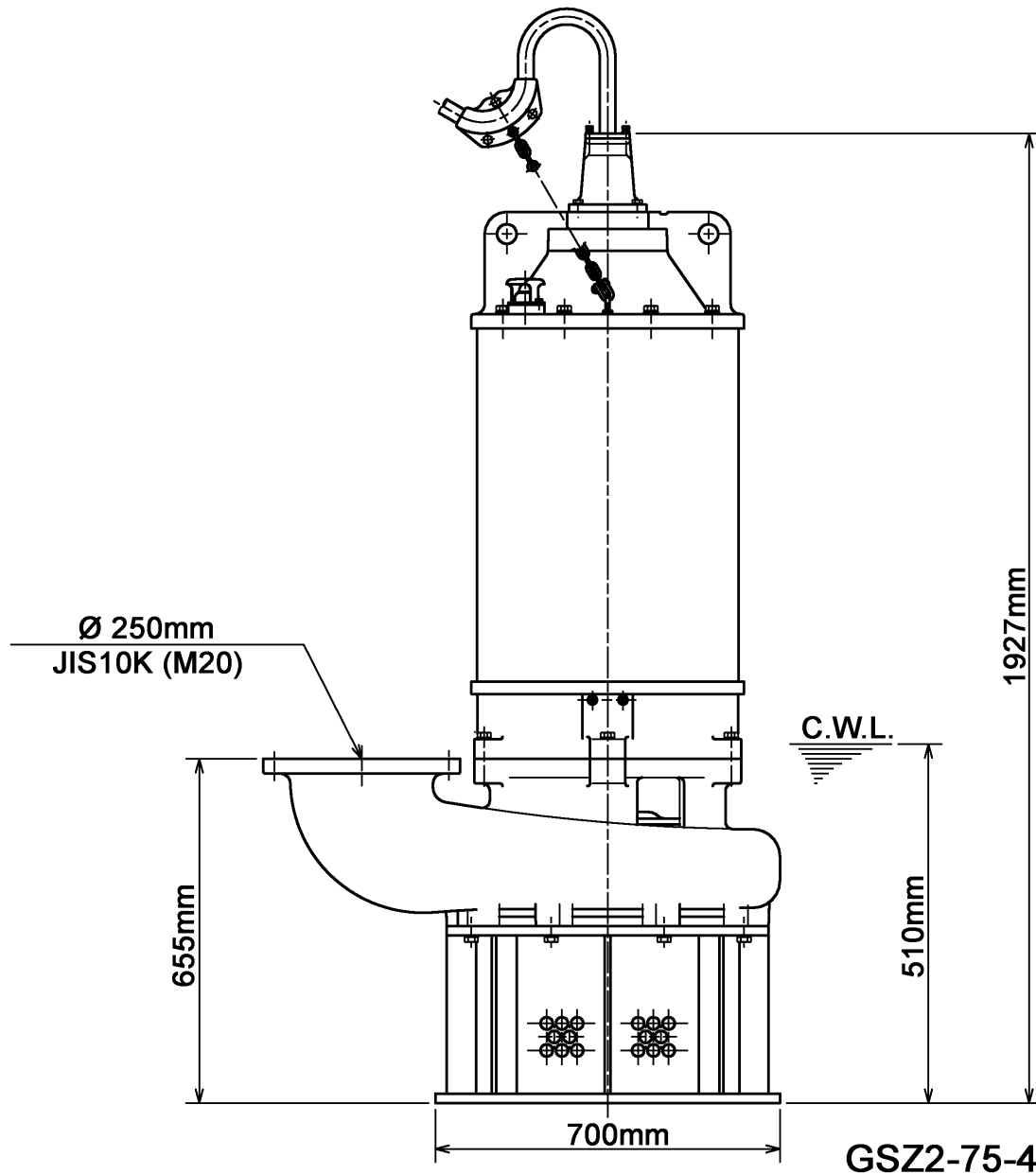
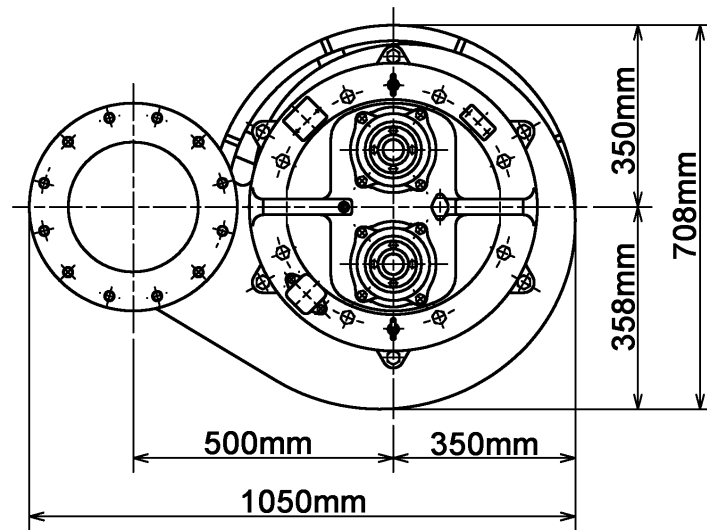
GSZ2-75-4

Discharge port	10"
Head	51,9 m
Flow	750,4 m³/h
Rated power	75,00 kW
Power input	85,03 kW
Phases	3~
Voltages	400 V
Frequency	50 Hz
Rated current	152 A
Starting current	416,48 A
Number of poles	4
Speed	1470 1/min
Starting mode	Star-delta
Insulation class	E



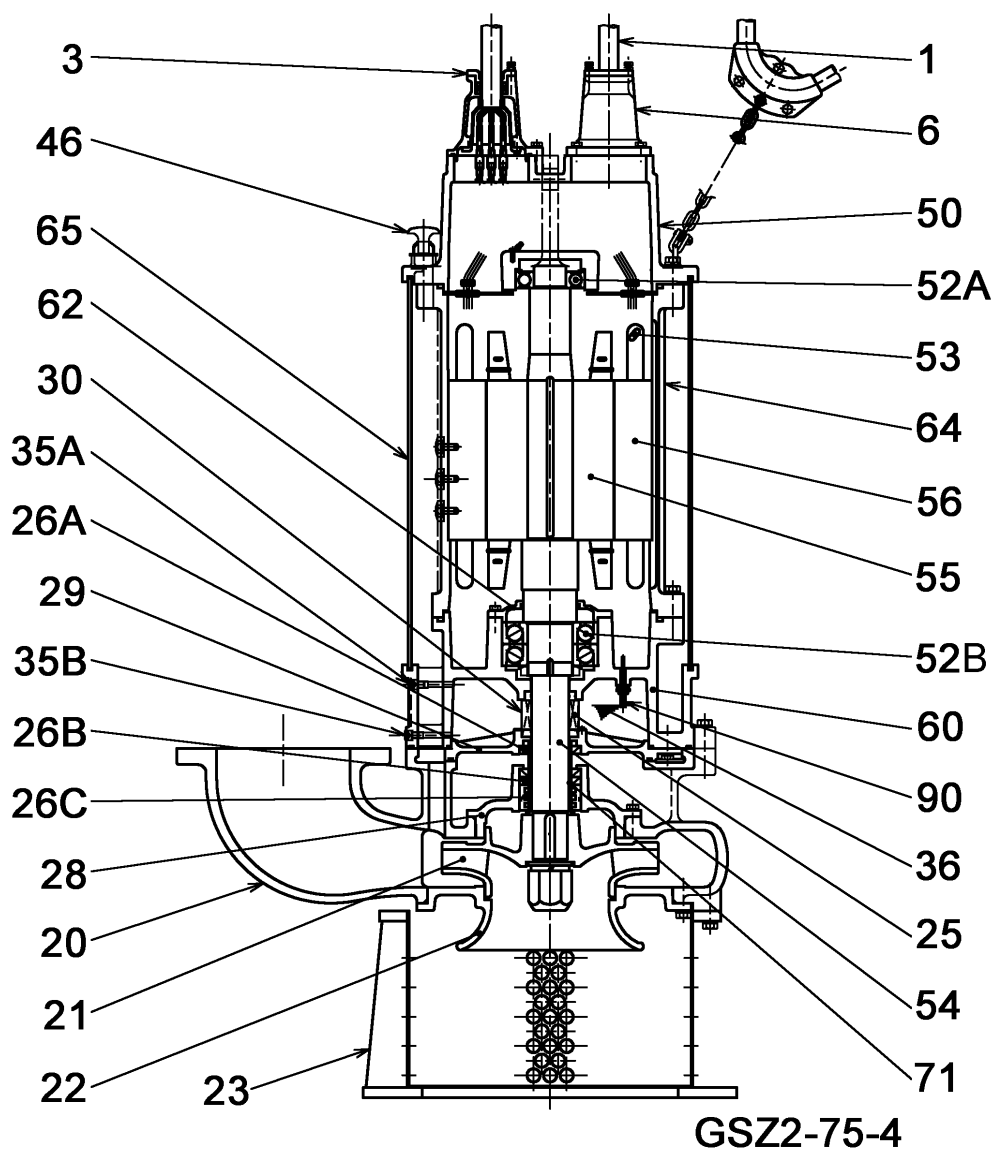
Dimensions

GSZ2-75-4



CWL: Continuous running water level
LWL: Lowest running water level

Sectional drawing GSZ2-75-4



No.	Description	Remark	No.	Description	Remark
1	Cable	20m NSSHÖU	36	Lubricant	Turbine oil (ISO VG32)
3	Gland	FC200 (EN-GJL-200)	46	Air valve	Steel plate
6	Stuffing box (2x)	FC200 (EN-GJL-200)	50	Motor cover	FC200 (EN-GJL-200)
20	Pump casing	FC200 (EN-GJL-200)	52A	Upper bearing	6312ZZC3
21	Impeller	SCS13 (EN GX5CrNi19-10)	52B	Lower bearing	7317DBC3
22	Suction cover	FC200 (EN-GJL-200)	53	Miniature protector (3x)	.
23	Strainer	Construction steel SS400	54	Shaft	SUS420J2 (EN-X30Cr13)
25	Mechanical seal	H-70	55	Rotor	.
26A	Oil seal	TC8011515	56	Stator	.
26B	oil seal (2x)	TC8011515	60	Bearing Housing	FC200 (EN-GJL-200)
26C	Labyrinth ring only	SUS403 (EN-X6Cr13)	62	Bearing Cover	FC200 (EN-GJL-200)
28	Seal casing	FC200 (EN-GJL-200)	64	Motor Frame	FC200 (EN-GJL-200)
29	Oil casing	FC200 (EN-GJL-200)	65	Outer Cover	Construction steel SS400
30	Oil distributor	Steel plate	71	Shaft protection sleeve	SUS403 (EN-X6Cr13)
35A	Oil screw	SUS304 (EN-X5CrNi18-10)	90	Density sensor	.
35B	Oil screw	SUS304 (EN-X5CrNi18-10)			