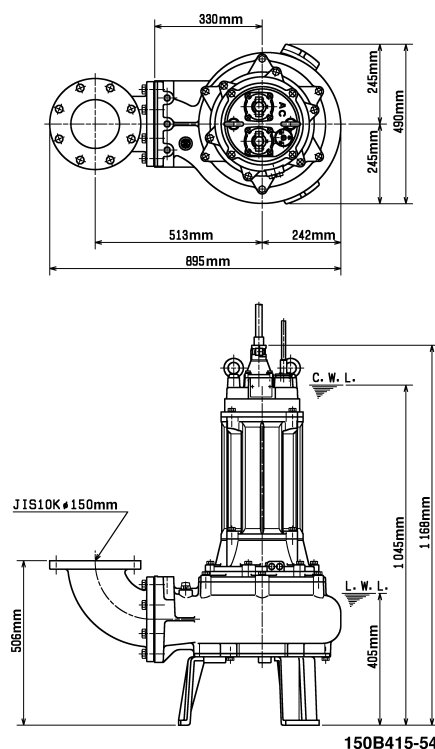
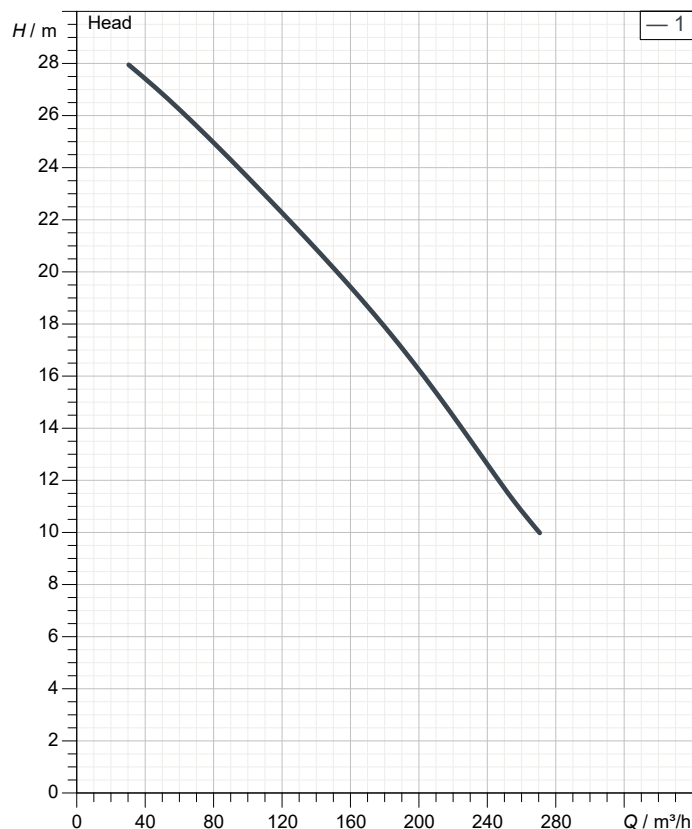


Data sheet 150B415-54



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



Specification

Electric submersible pump B-series
Degree of protection IP 68
Pressure resistance max. 15 m
Type of impeller dual channel impeller
Free passage 75 mm
Suitable for:
sewage water

Electric motor

Dry-type submersible induction motor
Insulation class F 4Poles 1445 1/min
Starting mode Star-delta
Rated voltage 400 V 50 Hz 3~
Power uptake 18.50 kW
Rated power 15.00 kW
Rated current 31.9 A
Start current 175.1 A

Cable

10m NSSHÖU 4Cx2,5mm²/NSSHÖU 4Cx2,5mm²/2PNCT 2Cx1,25mm²

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	FC200 (EN-GJL-200)
Pump casing	FC200 (EN-GJL-200)
Suction cover	FC200 (EN-GJL-200)
Motor Frame	FC200 (EN-GJL-200)
Shaft	DIN 1.4000 (EN-X6Cr13)

Discharge size

150mm JIS10K flange
guide rail fitting optional

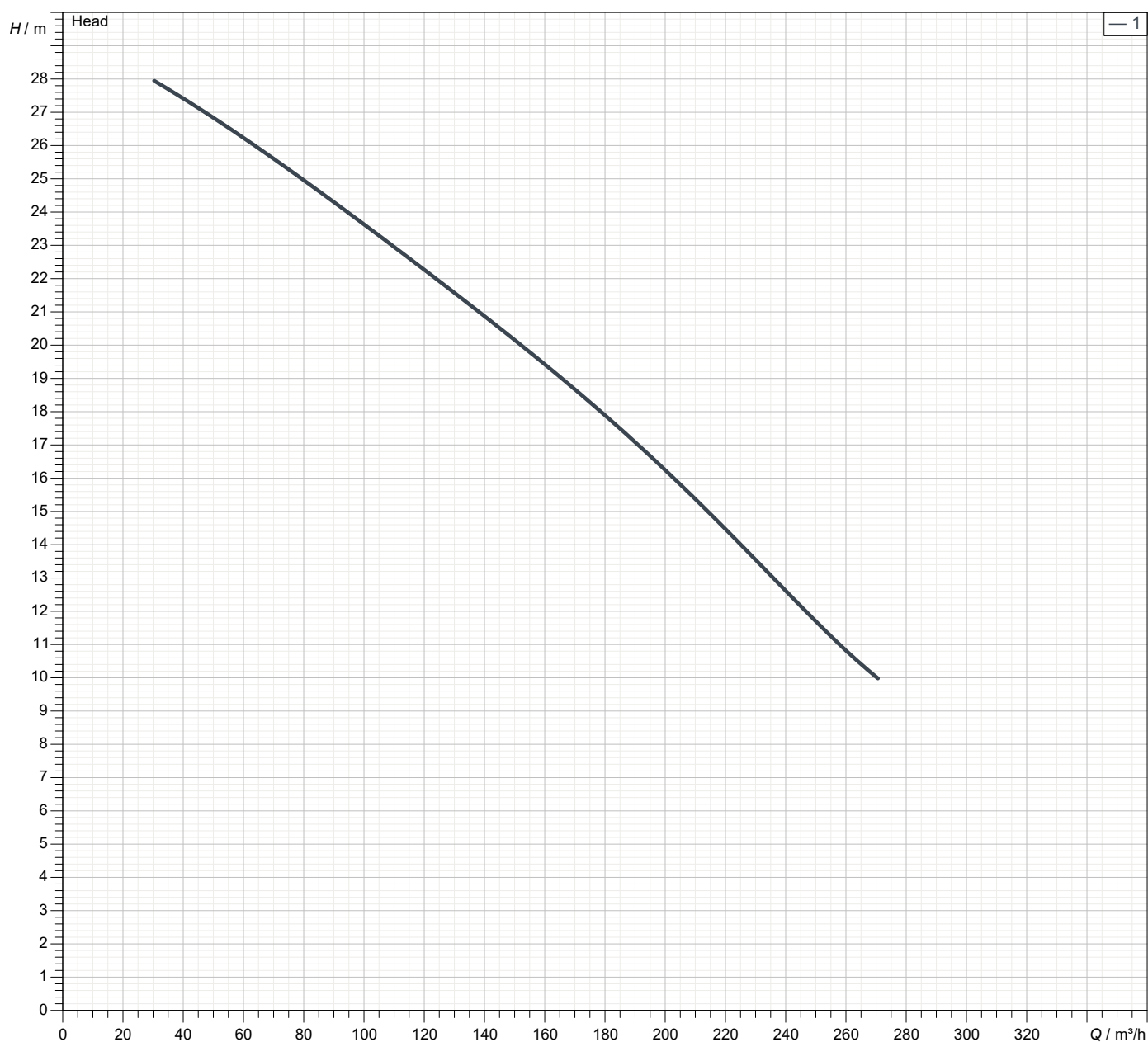
Weight

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

Performance curve

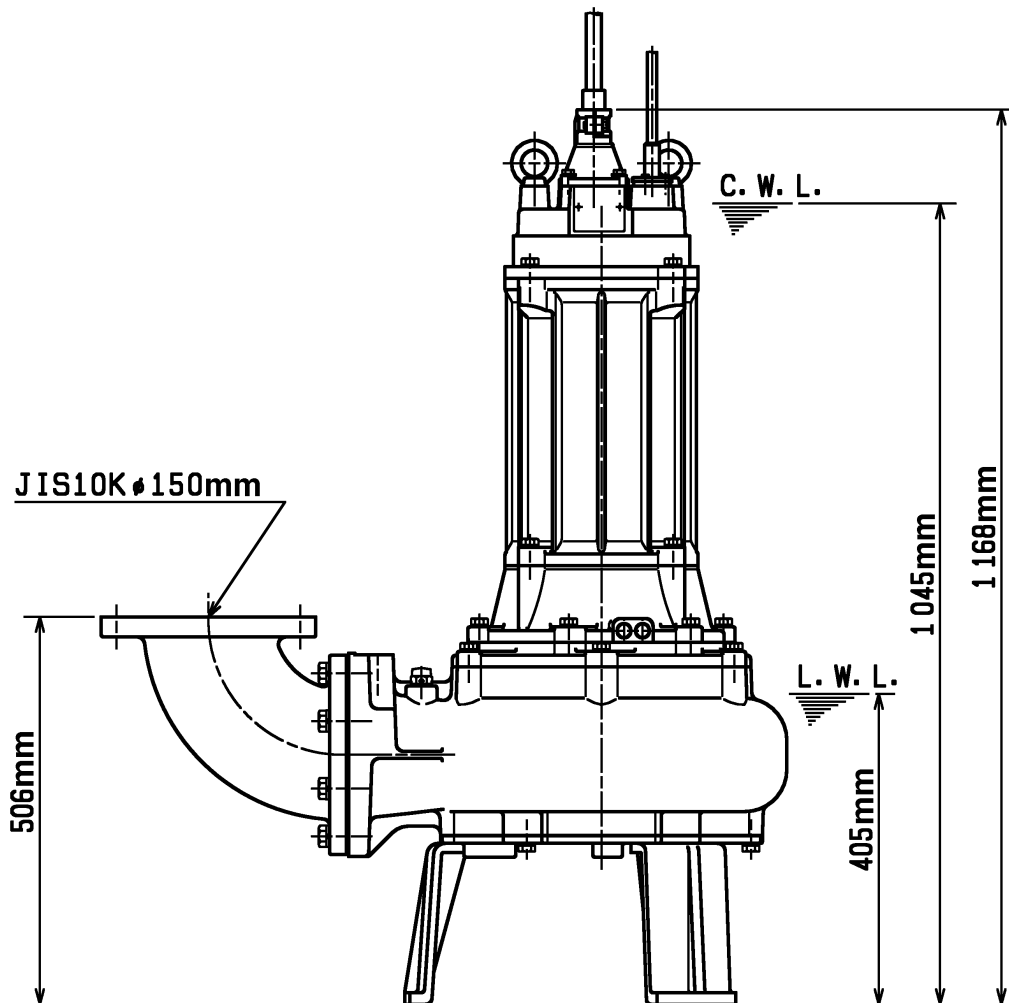
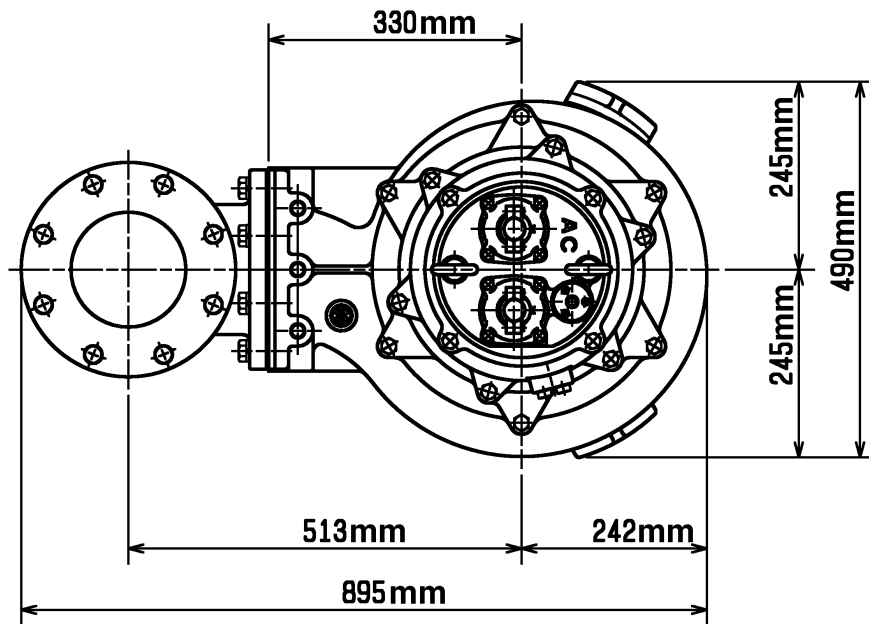
150B415-54

Discharge port	6"
Head	27.9 m
Flow	270.6 m³/h
Rated power	15.00 kW
Power input	18.50 kW
Phases	3~
Voltages	400 V
Frequency	50 Hz
Rated current	31.9 A
Starting current	175.13 A
Number of poles	4
Speed	1445 1/min
Starting mode	Star-delta
Insulation class	F



Dimensions

150B415-54



150B415-54

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



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2025-03-03

V.01.02.2025

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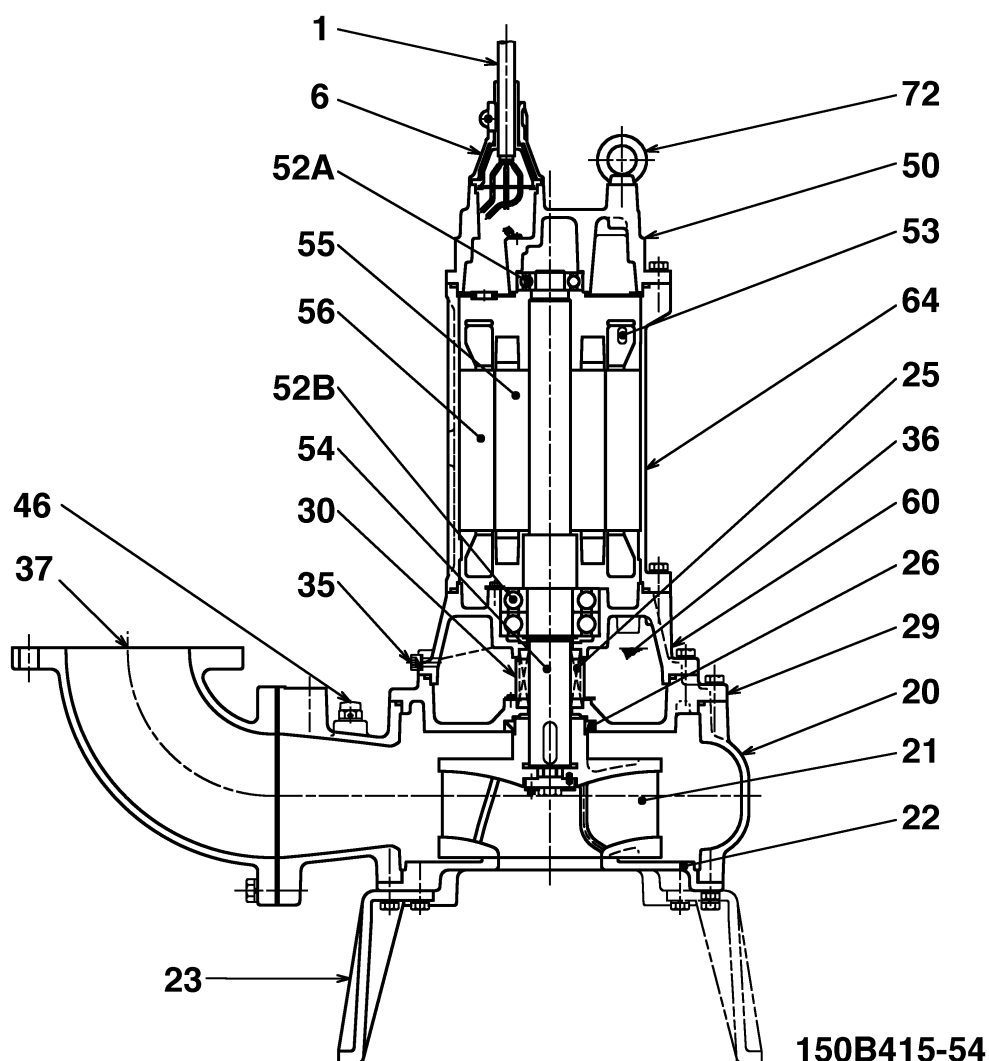
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Sectional drawing

150B415-54



No.	Description	Remark	No.	Description	Remark
1	Cable (3x)	10m 2PNCT	52B	Lower bearing	6311ZZD2C3
6	Cable entry (2x)	FC200 (EN-GJL-200)	53	Miniature protector	.
20	Pump casing	FC200 (EN-GJL-200)	54	Shaft	DIN 1.4000 (EN-X6Cr13)
21	Impeller	FC200 (EN-GJL-200)	55	Rotor	.
22	Suction cover	FC200 (EN-GJL-200)	56	Stator	.
23	Stand (3x)	FCD45 (EN-GJS-450-10)	60	Bearings	FC200 (EN-GJL-200)
25	Mechanical seal	H-50T	64	Motor frame	FC200 (EN-GJL-200)
26	Oil seal	TC8511013	72	Eye screw (2x)	Construction steel SS400
29	Oil casing	FC200 (EN-GJL-200)			
30	Oil distributor	Plastic			
35	Oil screw (2x)	DIN 1.4301 (EN-X5CrNi 18-10)			
36	Lubricant	Turbine oil (ISO VG32)			
37	Discharge bend	FC200 (EN-GJL-200)			
46	Air vent valve	Nylon			
50	Motor cover	FC200 (EN-GJL-200)			
52A	Upper bearing	6307ZZC3			