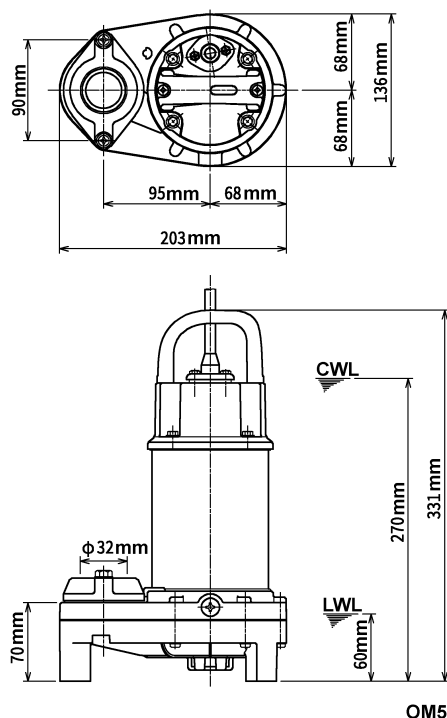
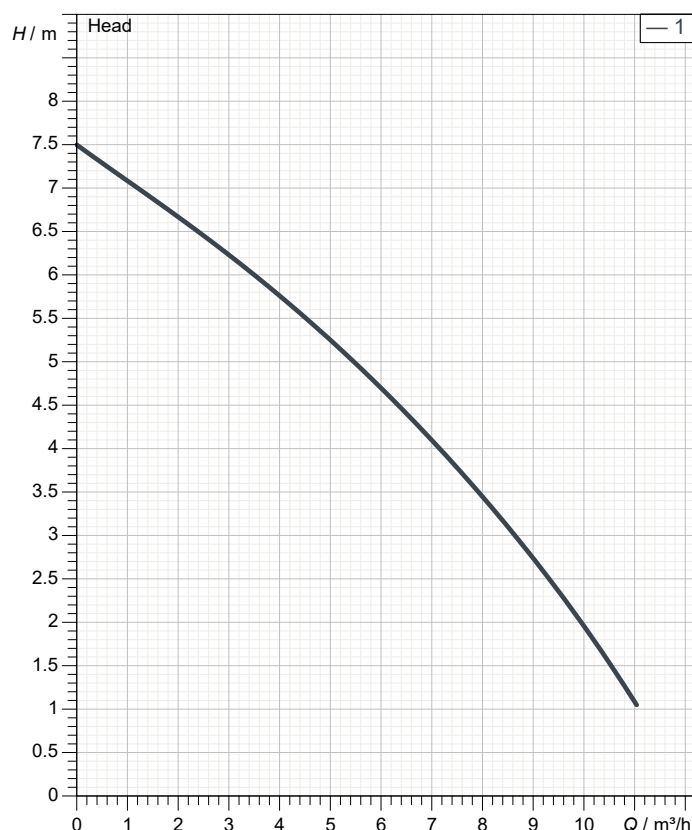


Data sheet OM5



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



Specification

Electric submersible pump OM-series
Degree of protection IP 68
Pressure resistance max. 10 m
Type of impeller Vortex impeller
Free passage 10 mm
Suitable for:
sewage water, various waste water

Electric motor

Dry-type submersible induction motor
Insulation class E 2Poles 2852 1/min
Starting mode
Rated voltage 230 V 50 Hz 1~
Power uptake 0.33 kW
Rated power 0.15 kW
Rated current 1.65 A
Start current 3.2 A

Cable

10m H07RN8-F 3Cx1mm²

Motor Protection

Circle thermal protector
(snap-action bi-metal device)

Shaft seal

Double inside mechanical seal in oil bath

Primary seal
Silicon carbide on silicon carbide
Secondary seal
Ceramic on carbon

Bearings

Shielded ball bearings, maintenance-free

Materials

Impeller	Plastic + glass fibers
Upper Pump casing	Plastic + glass fibers
Lower Pump casing	Plastic
Motor Frame	DIN 1.4301 (EN-X5CrNi 18-10)
Shaft	SUS316 (EN-X5CrNiMo17-12-2)

Discharge size

1,25" (32mm) screwed-in mating flange

Weight

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

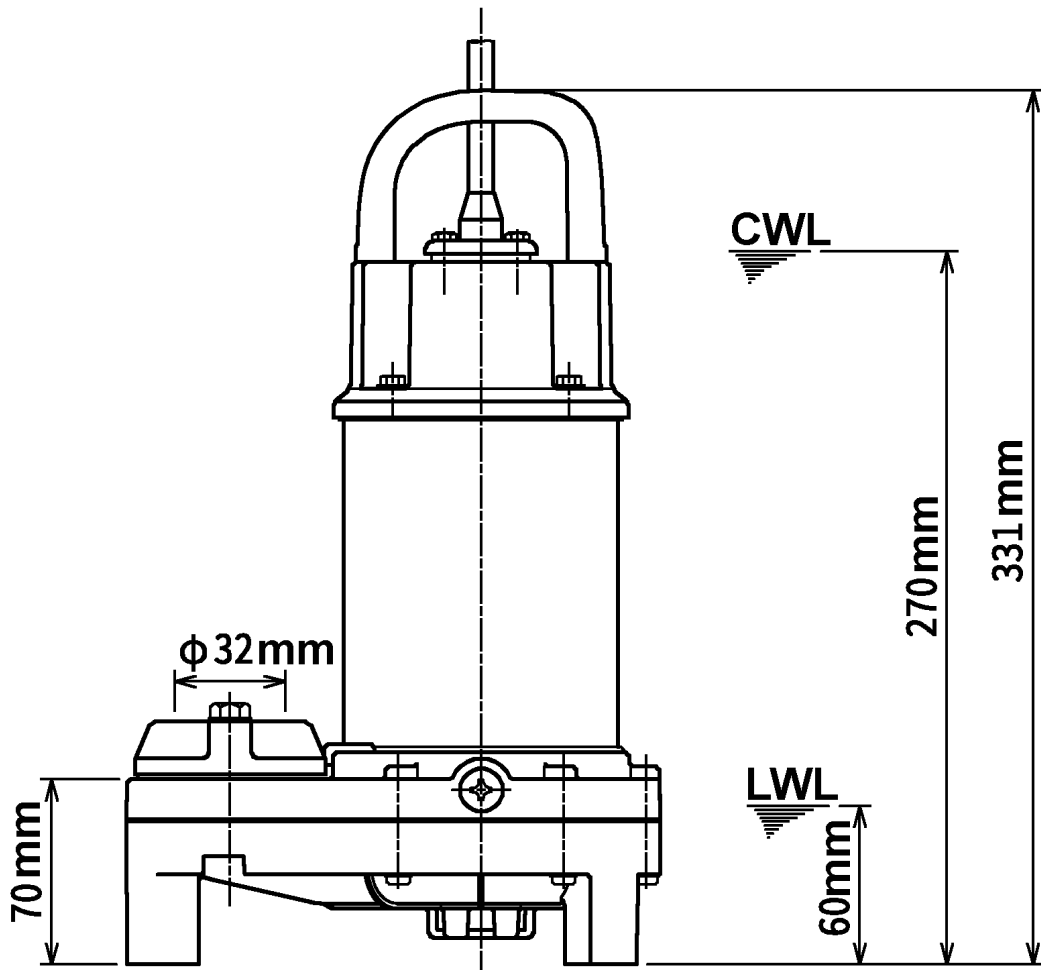
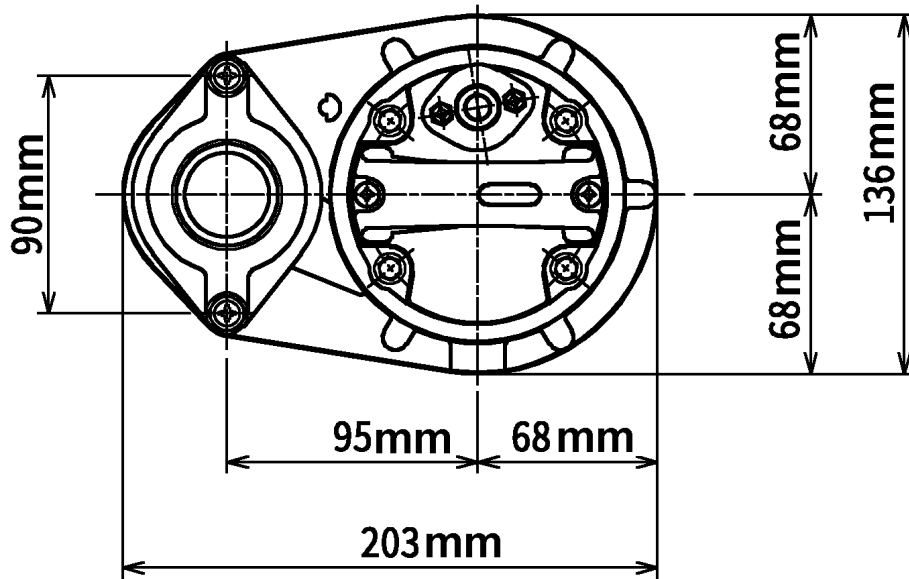
Performance curve

OM5

Discharge port	1,25"
Head	7.5 m
Flow	11.0 m³/h
Rated power	0.15 kW
Power input	0.33 kW
Phases	1~
Voltages	230 V
Frequency	50 Hz
Rated current	1.65 A
Starting current	3.20 A
Number of poles	2
Speed	2852 1/min
Starting mode	
Insulation class	E



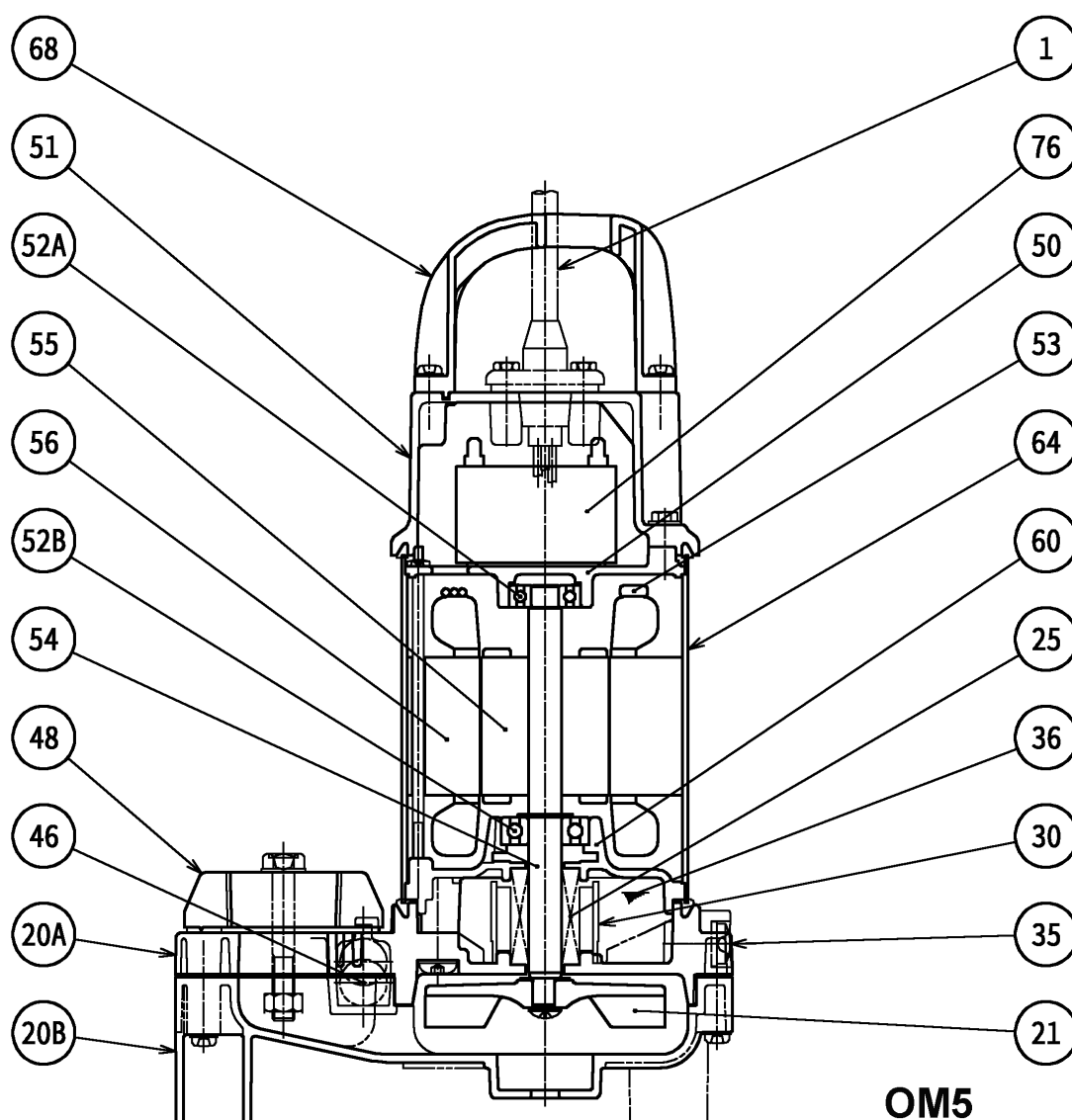
Dimensions OM5



OM5

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

Sectional drawing OM5



No.	Description	Remark	No.	Description	Remark
1	Cable	H07RN8-F	55	Rotor	.
20A	Upper Pump casing	Plastic + glass fibers	56	Stator	.
20B	Lower Pump casing	Plastic	60	Bearing Housing	Aluminium die casting
21	Impeller	Plastic + glass fibers	64	Motor Frame	DIN 1.4301 (EN-X5CrNi 18-10)
25	Mechanical seal	D-12RC	68	Handle	Plastic
30	Oil distributor	Plastic	76	Condenser	.
35	Oil screw	DIN 1.4301 (EN-X5CrNi 18-10)			
36	Lubricant	Turbine oil (ISO VG32)			
46	Pressure release valve	Glass bead			
48	Screwed Flange	Plastic + glass fibers			
50	Motor cover	Aluminium die casting			
51	Main cover	Plastic + glass fibers			
52A	Upper bearing	6000ZZC3			
52B	Lower bearing	6201ZZC3			
53	Motor Protector	.			
54	Shaft	SUS316 (EN-X5CrNiMo17-12-2)			