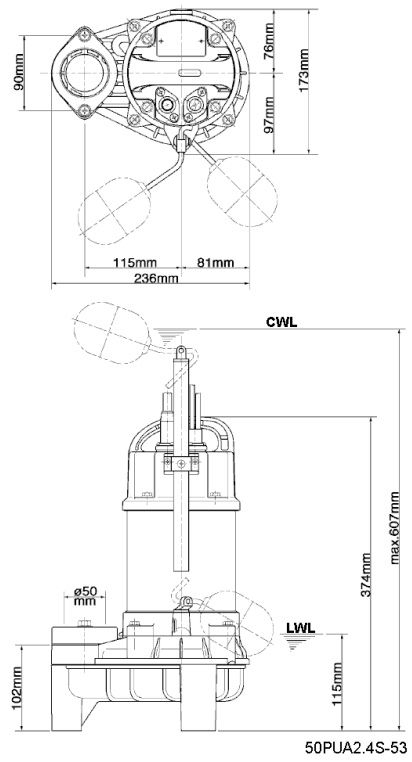
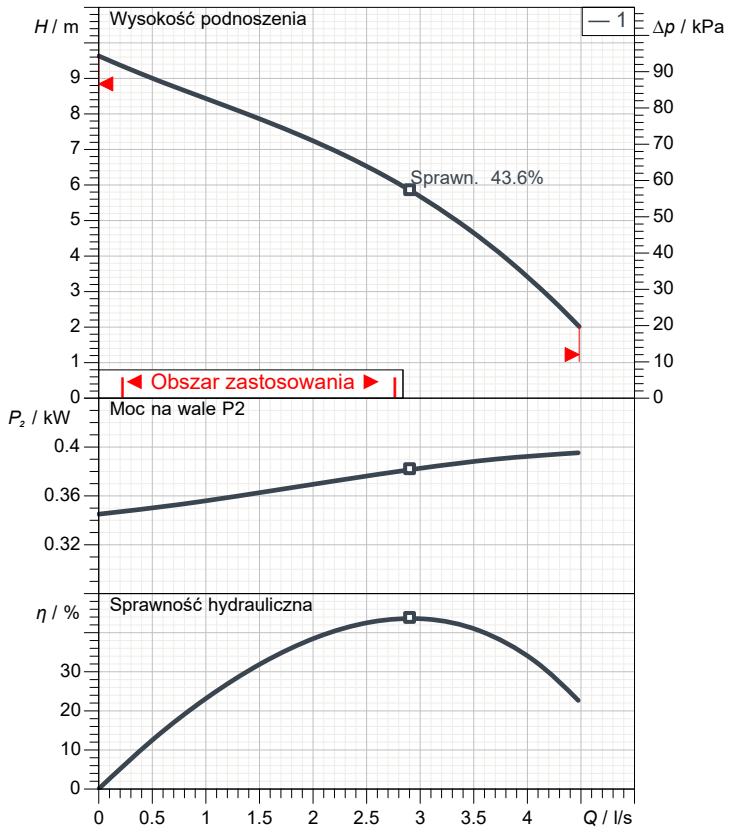
Arkusz danych 50PUA2.4S-53



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



Specification

Electric submersible pump PU-series

Stopień ochrony	IP 68
Pressure resistance	max. 10 m
Type of impeller	swobodnego przepływu
Wolny przelot o wielkości	35 mm

Suitable for:
sewage water, waste water, various waste water

Electric motor

Dry-type submersible induction motor

Klasa izolacji	E	2Bieguny	2792 1/min	
Rodzaj rozruchu				
Napięcie nominalne	230 V	50 Hz	1~	
Pobór mocy	0.62 kW			
Moc znamionowa	0.40 kW			
Prąd nominalny	3.1 A			
Start current	8.7 A			

Cable

10m H07RN8-F 3Cx1mm²

Motor Protection

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

Uszczelnienie wału

Double inside mechanical seal in oil bath
additional lubrication by oil lifting device

Primary seal
Silicon carbide on ceramic

Secondary seal
Ceramic on carbon

Bearings

Shielded ball bearings, maintenance-free

Materials

Impeller	PPO-GF20
Pump casing	ABS-GF20
Motor Frame	SUS304 (EN-X5CrNi18-10)
Shaft	SUS304 (EN-X5CrNi18-10)

Króciec tłoczny

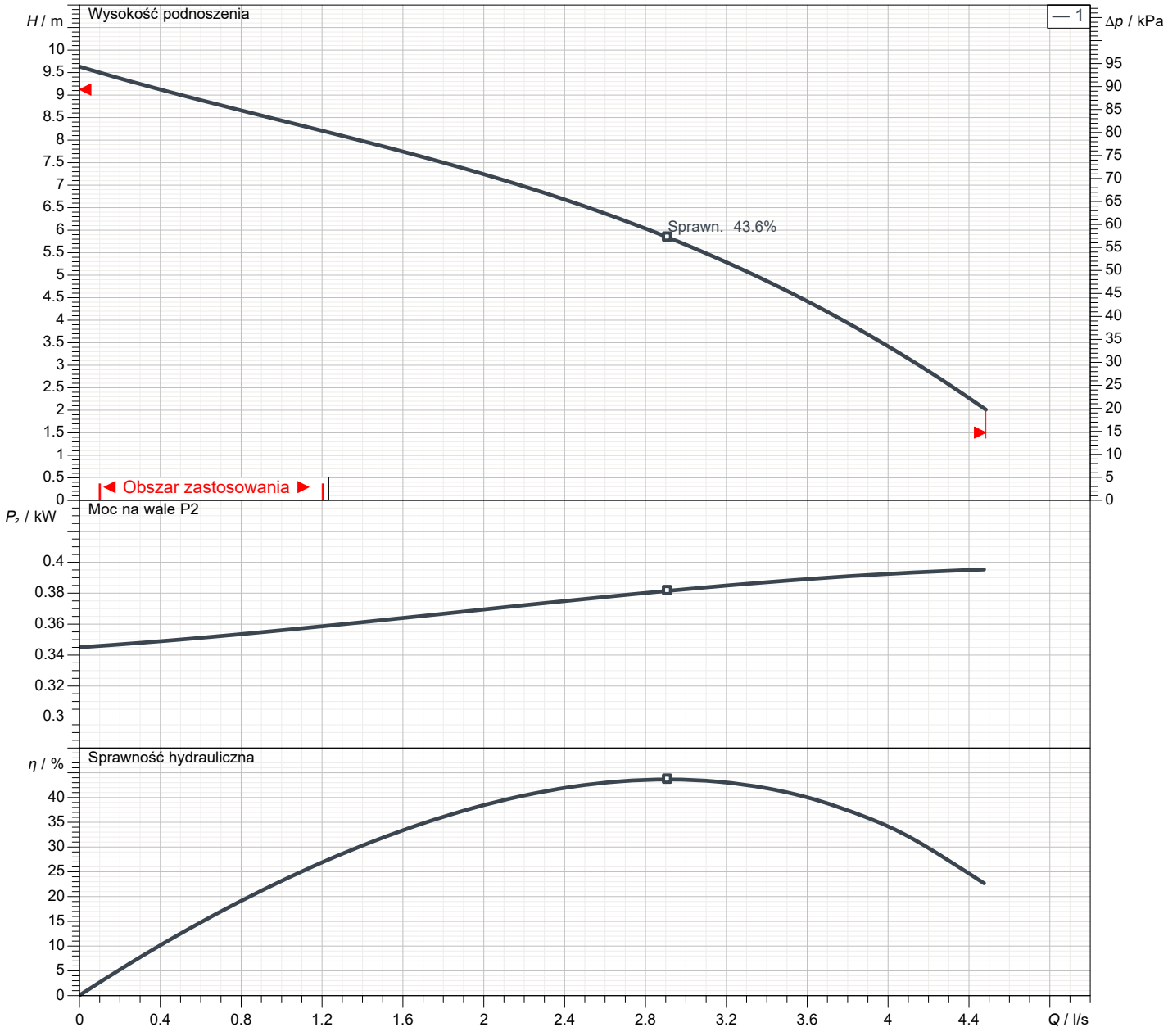
50mm screwed-in mating flange

Weight

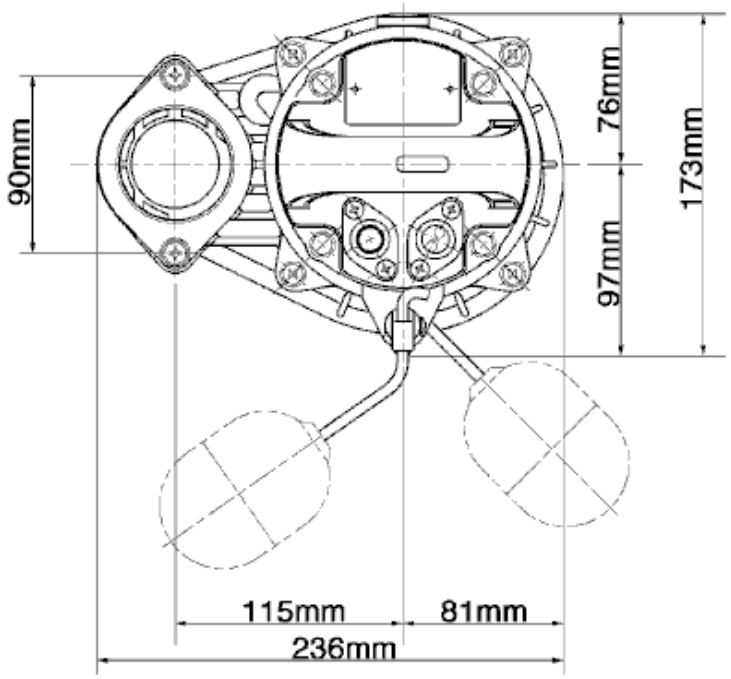
7.7 kg (dry weight of the pump only without cable)

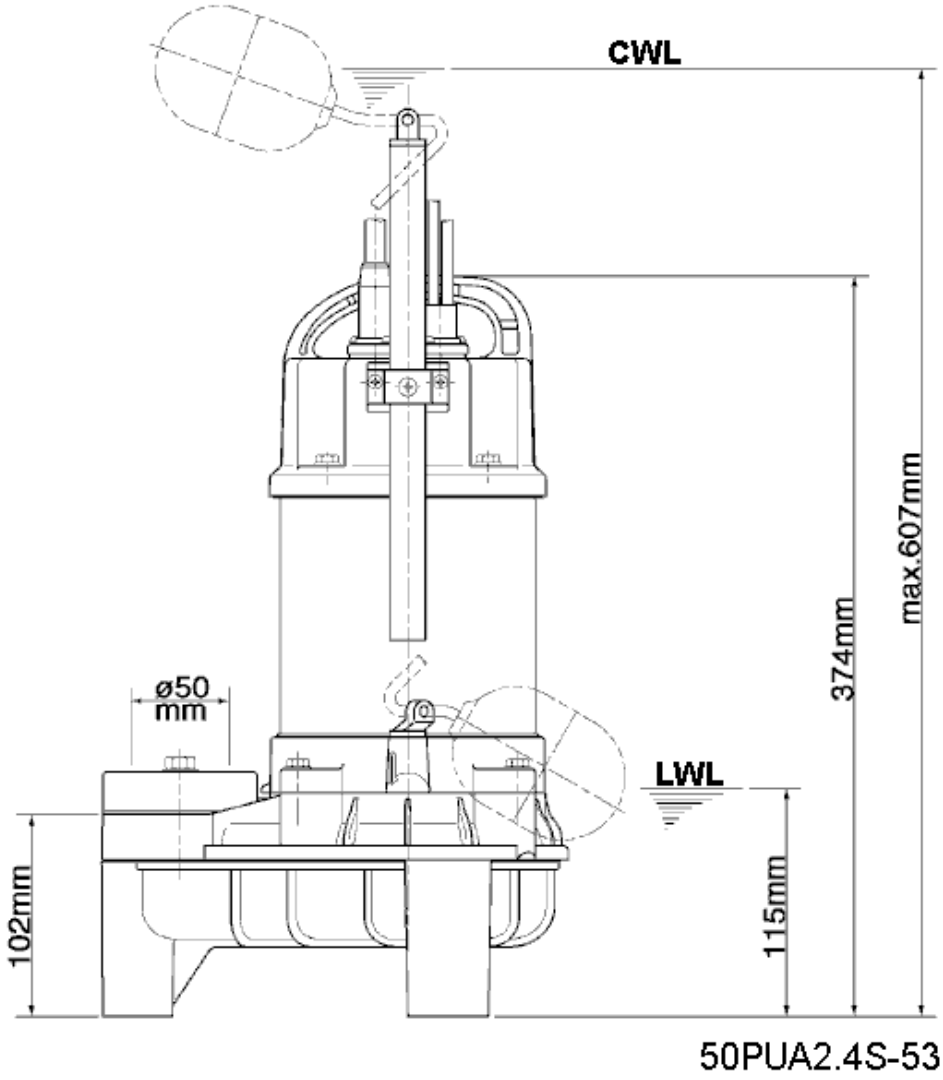
Performance curve
50PUA2.4S-53

Króciec tłoczny	2"
Wysok. Podnoszenia	9.6 m
Wydajność	4.5 l/s
Moc znamionowa	0.40 kW
Pobór mocy	0.62 kW
Fazy	1~
Napięcia	230 V
Częstotliwość	50 Hz
Prąd nominalny	3.1 A
Prąd rozruchowy	8.71 A
Liczba biegunów	2
Prędkość obrotowa	2792 1/min
Rodzaj rozruchu	
Klasa izolacji	E



Dimensions
50PUA2.4S-53





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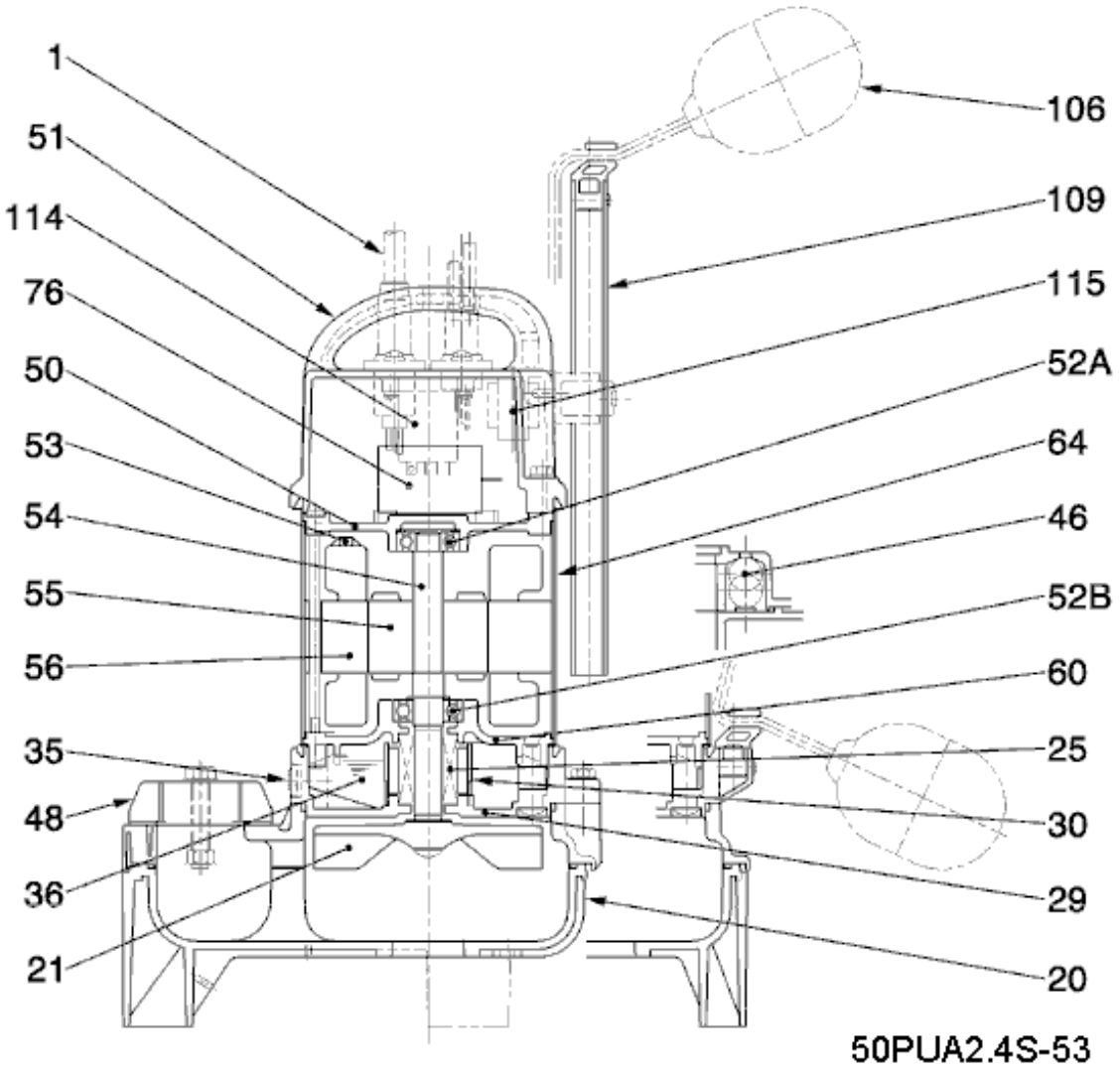
Sectional drawing
50PUA2.4S-53



Nr	Nazwa	Uwagi	Nr	Nazwa	Uwagi
1	Cable	H07RN-F	55	Rotor	.
20	Pump casing	ABS-GF20	56	Stator	.
21	Impeller	PPO-GF20	60	Bearing Housing	Aluminium die casting
25	Mechanical seal	W-14HL	64	Motor Frame	SUS304 (EN-X5CrNi18-10)
29	Oil casing	PPS-(GF+MD)50	76	Condenser	.
30	Oil distributor	Plastic	106	Float switch (2x)	ABS
35	Oil screw	SUS304 (EN-X5CrNi18-10)	109	Support	PVC
36	Lubricant	white oil (ISO VG32)	114	Relais	.
46	Air vent valve	Glass bead	115	Transformator	.
48	Screwed Flange	PC(PBT-GF30)			
50	Motor cover	Steel plate			
51	Main cover	PPS-GF40			
52A	Upper bearing	6201ZZC3			
52B	Lower bearing	6202ZZC3			
53	Motor Protector 380/400/415V-50Hz	KA314-HRXL00 (H.C)			
54	Shaft	SUS304 (EN-X5CrNi18-10)			

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