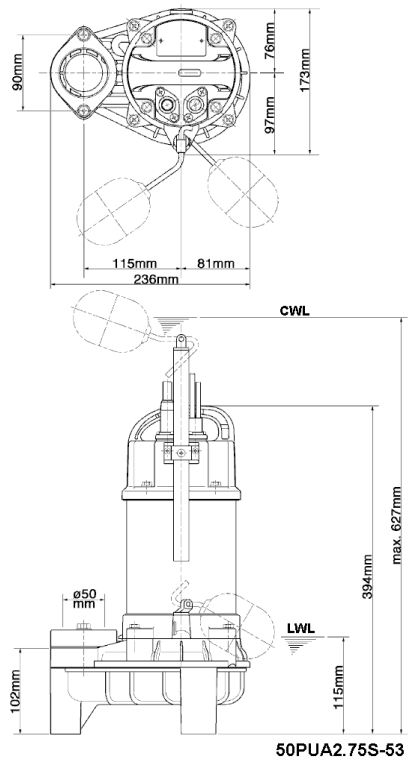
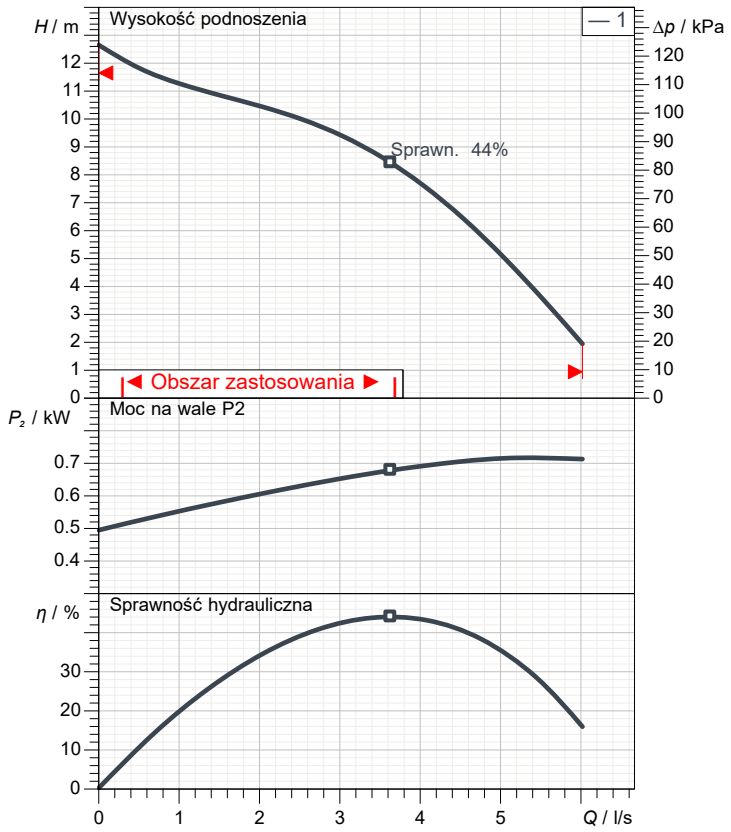
# Arkusz danych 50PUA2.75S-53




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 | 2804 1/min | |
| Rodzaj rozruchu | | | | |
| Napięcie nominalne | 230 V | 50 Hz | 1~ | |
| Pobór mocy | 1.11 kW | | | |
| Moc znamionowa | 0.75 kW | | | |
| Prąd nominalny | 5.5 A | | | |
| Start current | 18.0 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

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



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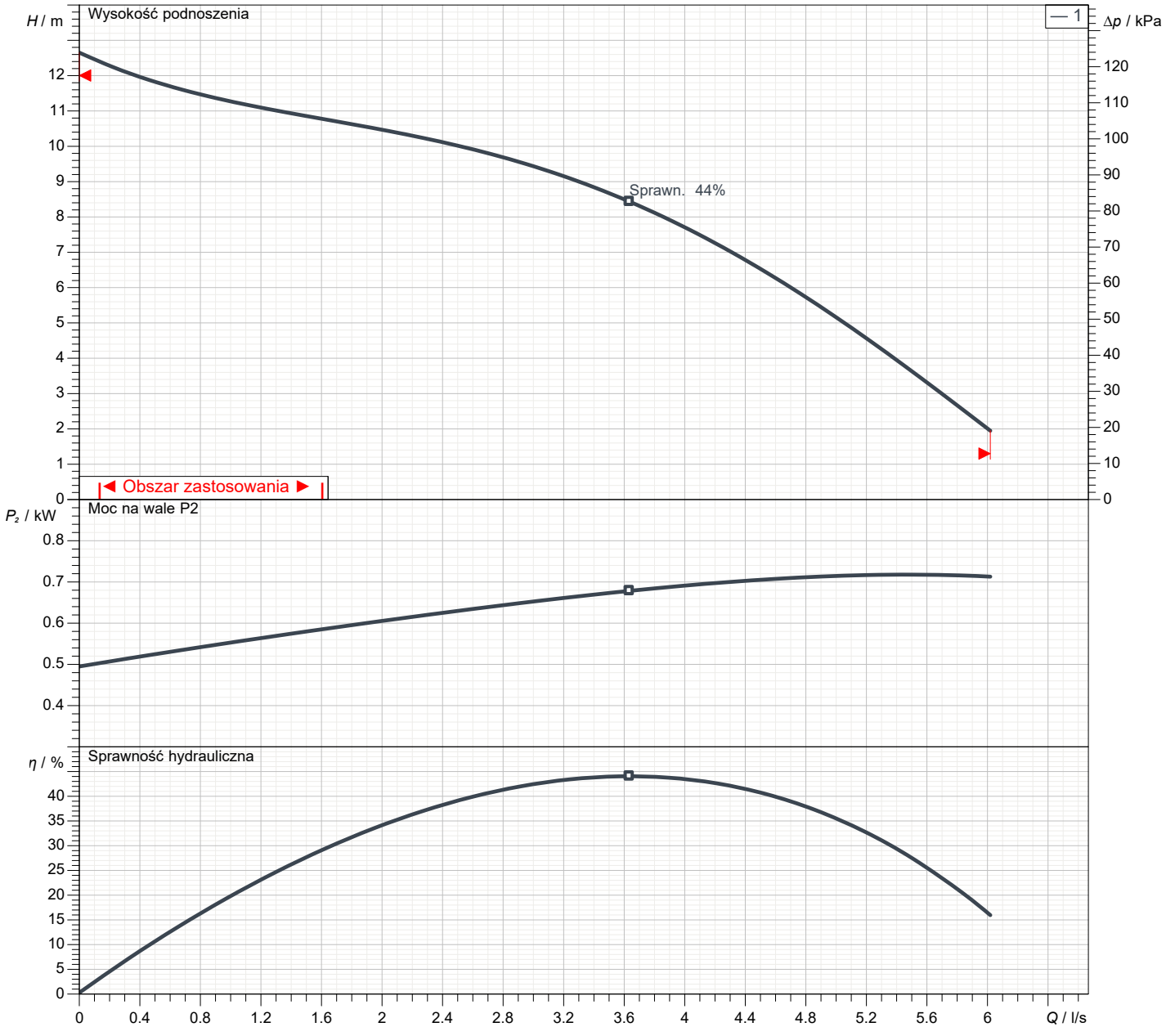
# Performance curve
# 50PUA2.75S-53

| | |
|---|---|
| Króciec tłoczny | 2" |
| Wysok. Podnoszenia | 12.7 m |
| Wydajność | 6.0 l/s |
| Moc znamionowa | 0.75 kW |
| Pobór mocy | 1.11 kW |
| Fazy | 1~ |
| Napięcia | 230 V |
| Częstotliwość | 50 Hz |
| Prąd nominalny | 5.5 A |
| Prąd rozruchowy | 17.99 A |
| Liczba biegunów | 2 |
| Prędkość obrotowa | 2804 1/min |
| Rodzaj rozruchu | |
| Klasa izolacji | E |





TSURUMI PUMP

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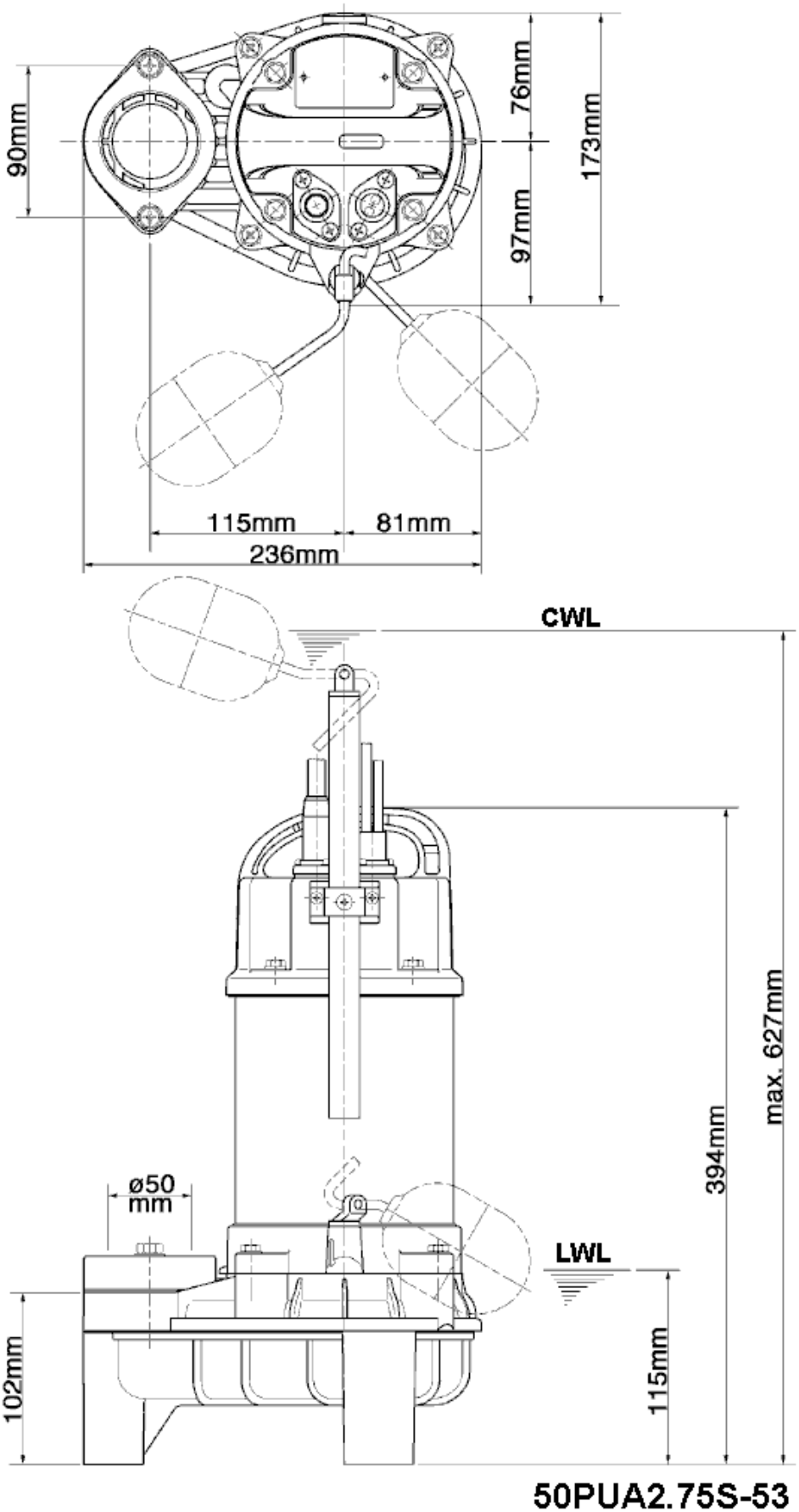
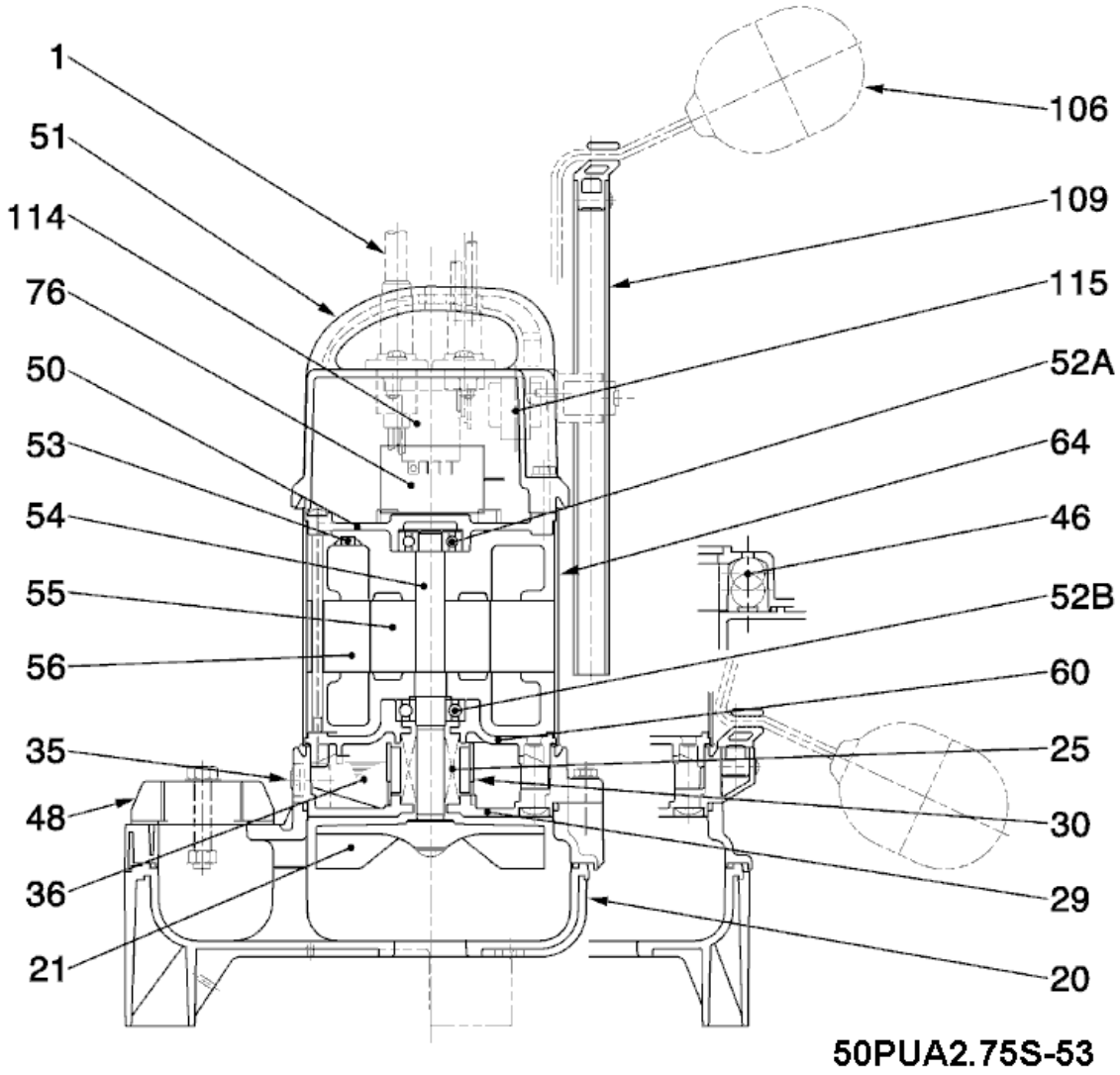
# Dimensions
# 50PUA2.75S-53




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

# Sectional drawing
# 50PUA2.75S-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 | 6302ZZC3 | | | |
| 53 | Motor Protector 380/400/415V-50Hz | KA314-HRXL00 (H.C) | | | |
| 54 | Shaft | SUS304 (EN-X5CrNi18-10) | | | |

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