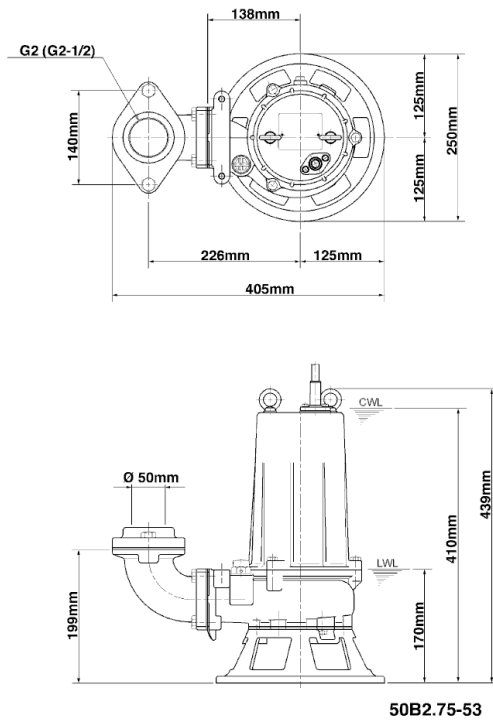
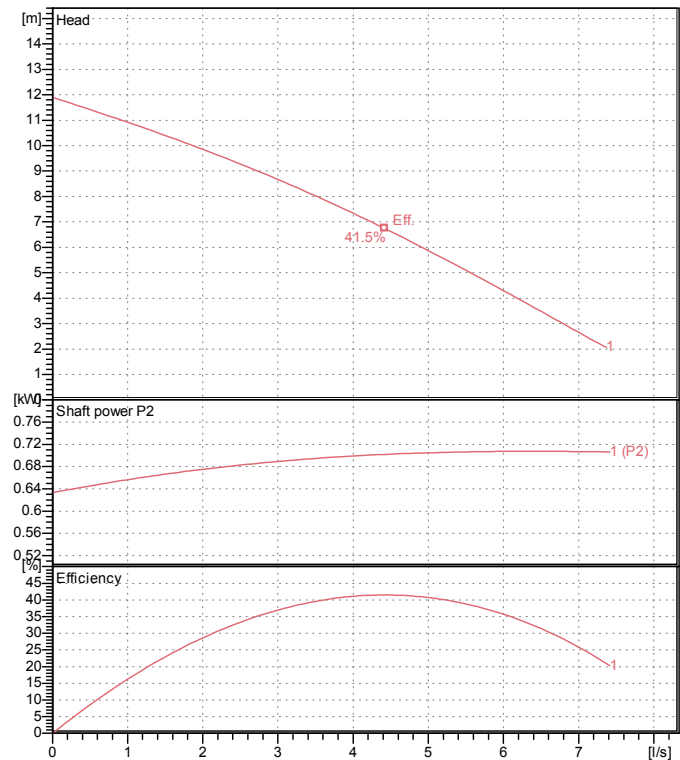


Data sheet 50B2.75-53



50B2.75-53

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



Specification

Electric submersible pump
Degree of protection IP 68
Depth of submersion max. 30 m
Type of impeller Single channel impeller
Free passage 20 mm
Suitable for:
sewage water

Electric motor

Dry-type submersible induction motor
Insulation class E 2Poles 2810 1/min
Starting mode Directly
Rated voltage 400 V 50 Hz 3~
Power uptake 1.14 kW
Rated power 0.75 kW
Rated current 1.9 A
Start current 8.5 A

Cable

10m H07RN-F 4Cx1,5mm²

Motor Protection

Circle thermal protector
(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
Ceramic on carbon

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	FC150 (EN-GJL-150)
Shaft	Stainless steel SUS403

Discharge size

2" (50mm) special flange / inside thread
guide rail fitting optional

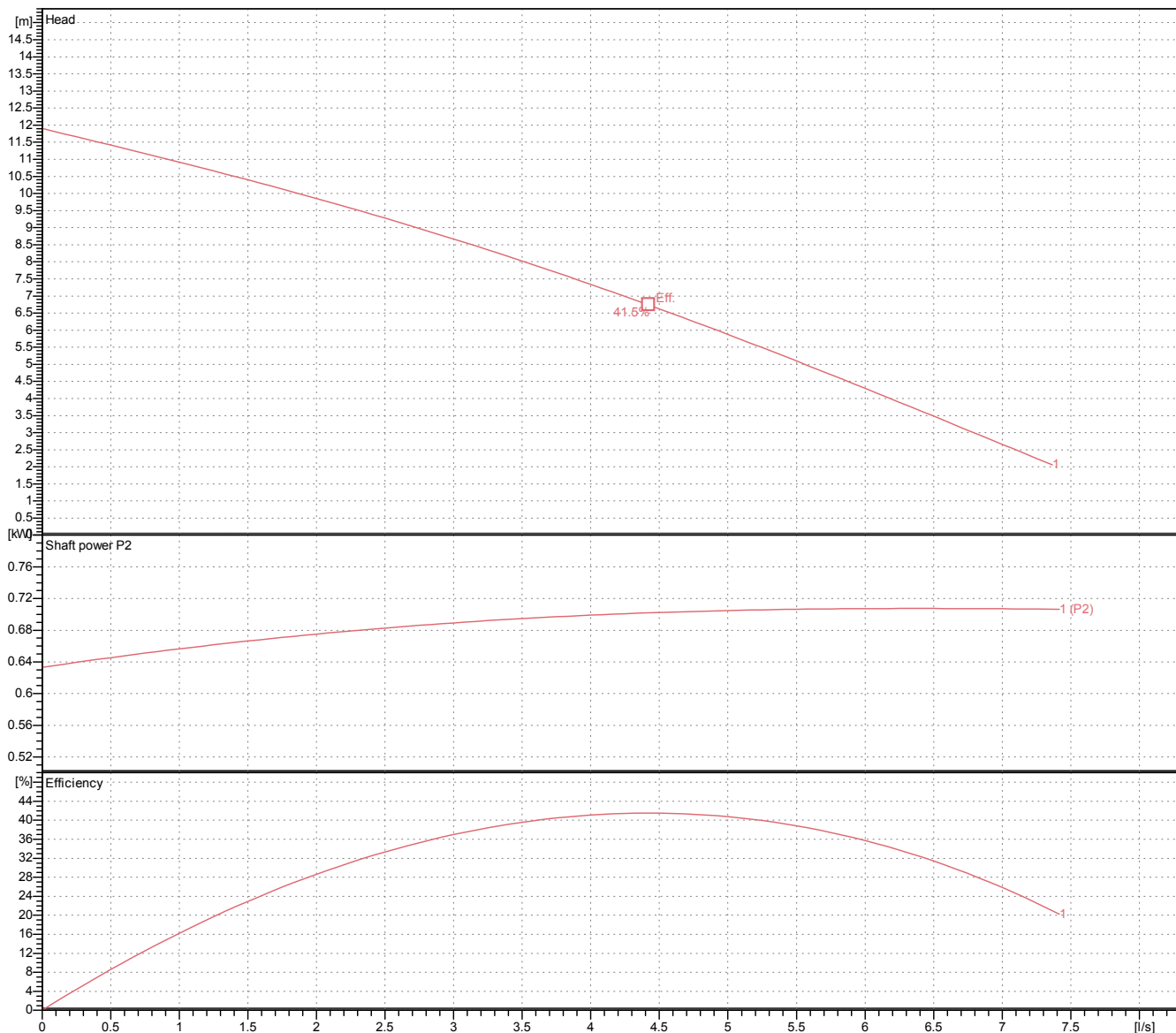
Weight

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

Performance curve

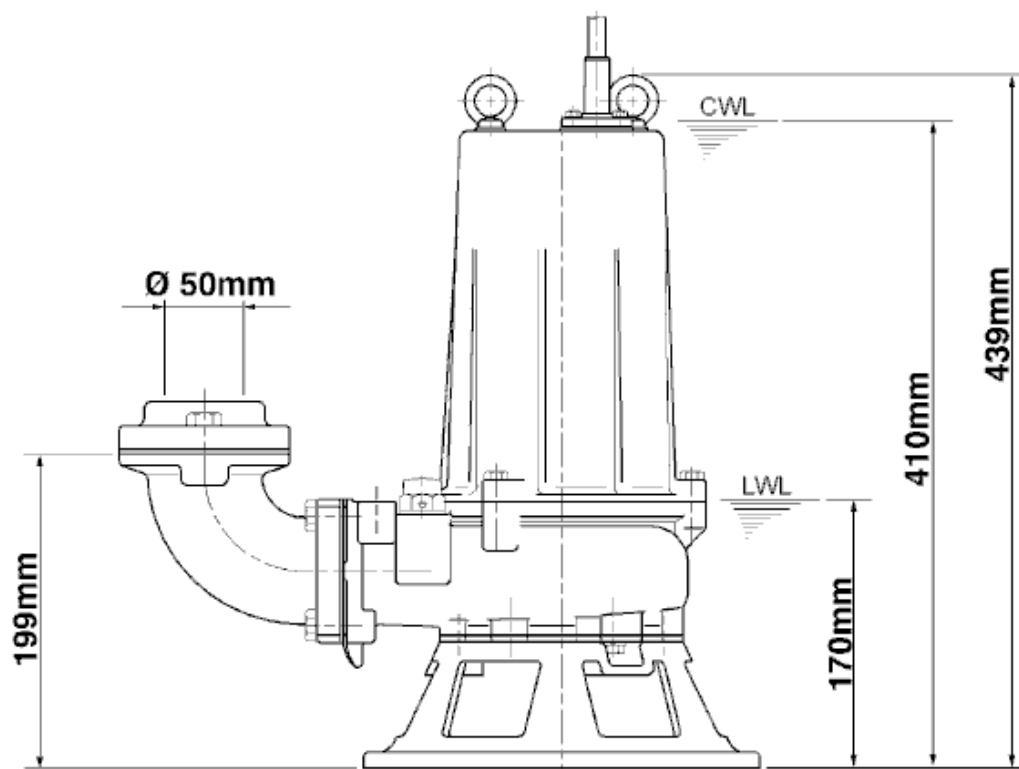
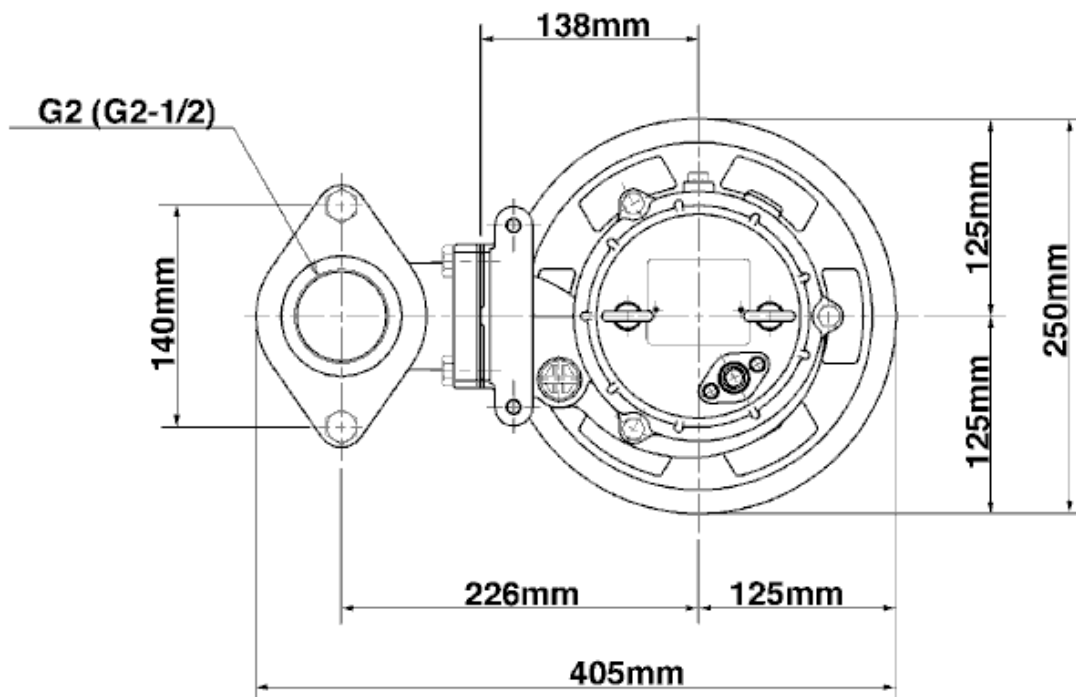
50B2.75-53

Discharge port	2"
Head	11.9 m
Flow	7.4 l/s
Rated power	0.75 kW
Power input	1.14 kW
Phases	3~
Voltages	400 V
Frequency	50 Hz
Rated current	1.9 A
Starting current	8.49 A
Number of poles	2
Speed	2810 1/min
Starting mode	Directly
Insulation class	E



Dimensions

50B2.75-53



50B2.75-53

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

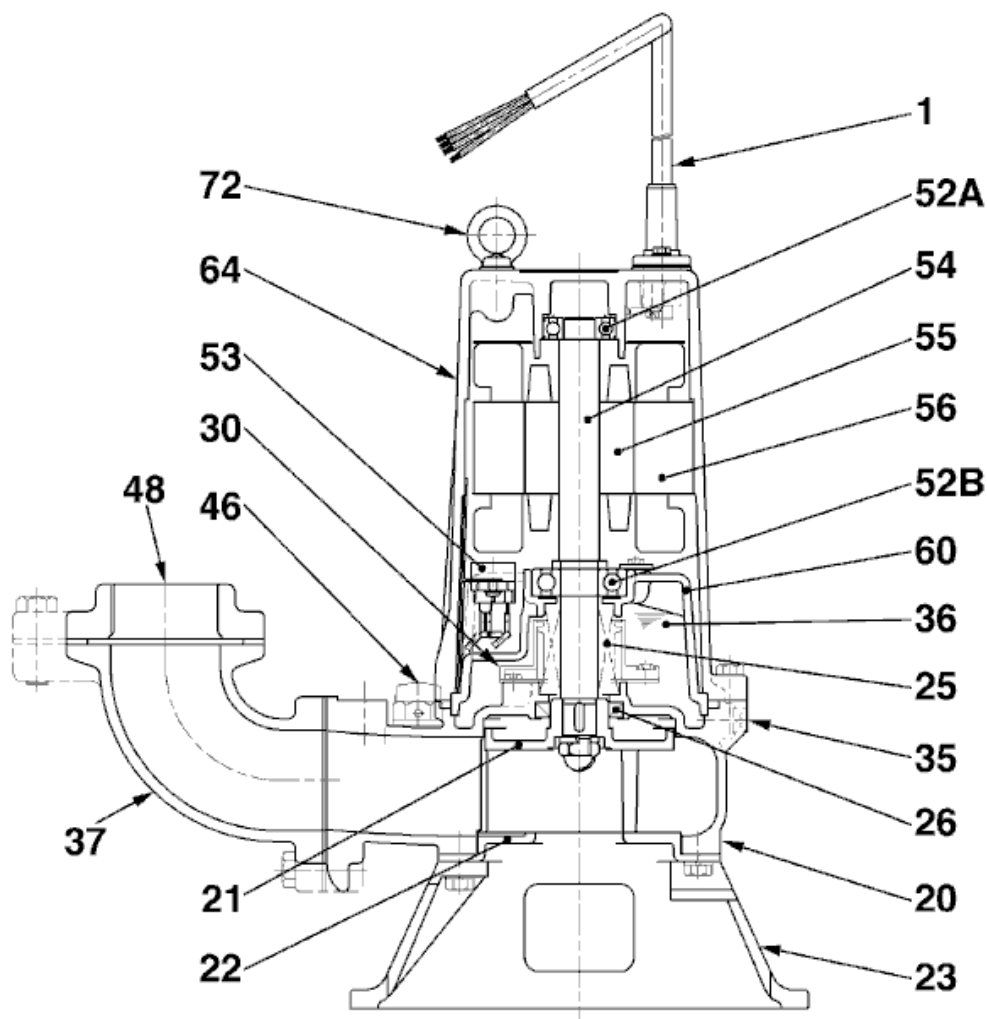


Tsurumi Europe GmbH
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Heltorfer Str. 14 * 40472 Düsseldorf * Germany
Tel.: +49-211-4179373 sales@tsurumi.eu
Fax: +49-211-4791429 www.tsurumi.eu

Sectional drawing

50B2.75-53



50B2.75-53

No.	Denomination	Remark	No.	Denomination	Remark
1	Cable	H07RN-F	54	Shaft	Stainless steel SUS403
20	Pump casing	FC200 (EN-GJL-200)	55	Rotor	.
21	Impeller	FC200 (EN-GJL-200)	56	Stator	.
22	Suction cover	FC200 (EN-GJL-200)	60	Bearing Housing	FC150 (EN-GJL-150)
23	Stand	FCD45 (EN-GJS-450-10)	64	Motor Frame	FC150 (EN-GJL-150)
25	Mechanical seal	H-20A	72	Eye screw (2x)	Stainless steel SUS304
26	Oil seal	TC32488			
30	Oil distributor	Plastic			
35	Oil screw	Stainless steel SUS304			
36	Lubricant	Turbine oil (ISO VG32)			
37	Discharge bend	FC200 (EN-GJL-200)			
46	Air vent screw	Nylon			
48	Screwed Flange	FC200 (EN-GJL-200)			
52A	Upper bearing	6203ZZC3			
52B	Lower bearing	6304ZZC3			
53	Motor Protector	.			