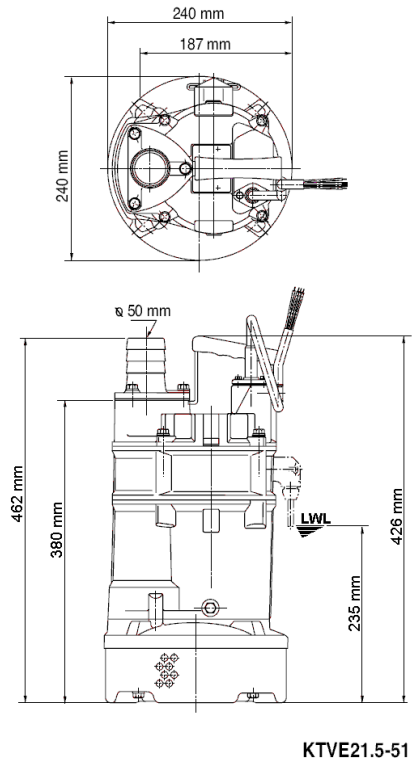
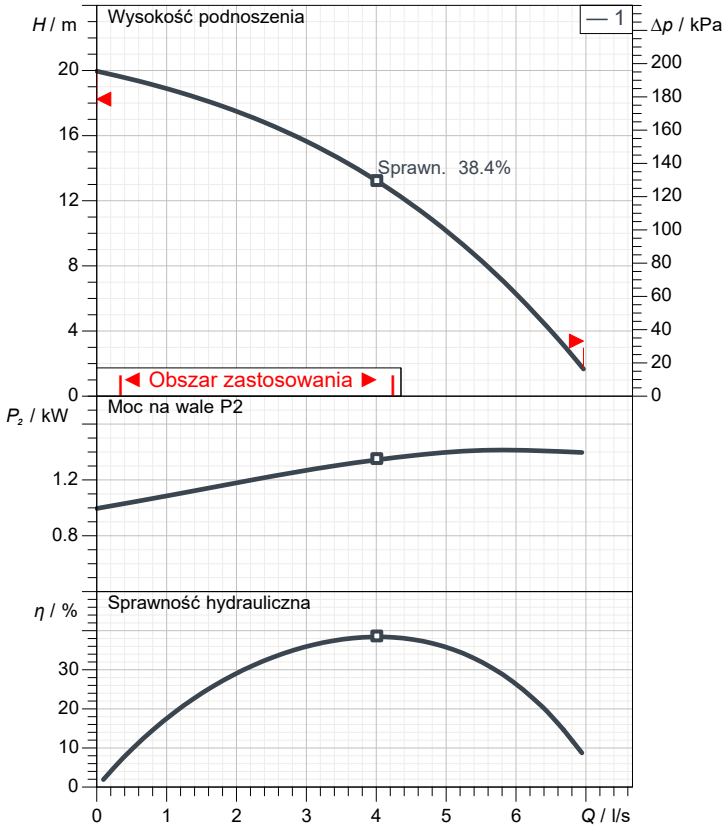
Arkusz danych KTVE21.5-51



KTVE21.5-51

CWL: Continuous running water level



Specification

Electric submersible pump KTVE-series

Stopień ochrony	IP 68
Pressure resistance	max. 25 m
Type of impeller	semi-vortex
Max. solid handling	8.5 mm

Suitable for:
rain water, ground water, sand water

Electric motor

Dry-type submersible induction motor

Klasa izolacji	E	2Bieguny	2870 1/min
Rodzaj rozruchu		Rozruch bezpośredni	
Napięcie nominalne		400 V 50 Hz	3~
Pobór mocy		2.04 kW	
Moc znamionowa		1.50 kW	
Prąd nominalny		3.3 A	
Start current		19.0 A	

Cable

20m NSSHÖU 4Cx1,5mm²

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 silicon carbide

Secondary seal
Silicon carbide on silicon carbide

Bearings

Shielded ball bearings, maintenance-free

Materials

Impeller	FCD700 (EN-GJS-700-2)
Pump casing	Butadiene-/nitrile-rubber
Motor Frame	Aluminium alloy casting
Shaft	SUS403 (EN-X6Cr13)

Króciec tłoczny

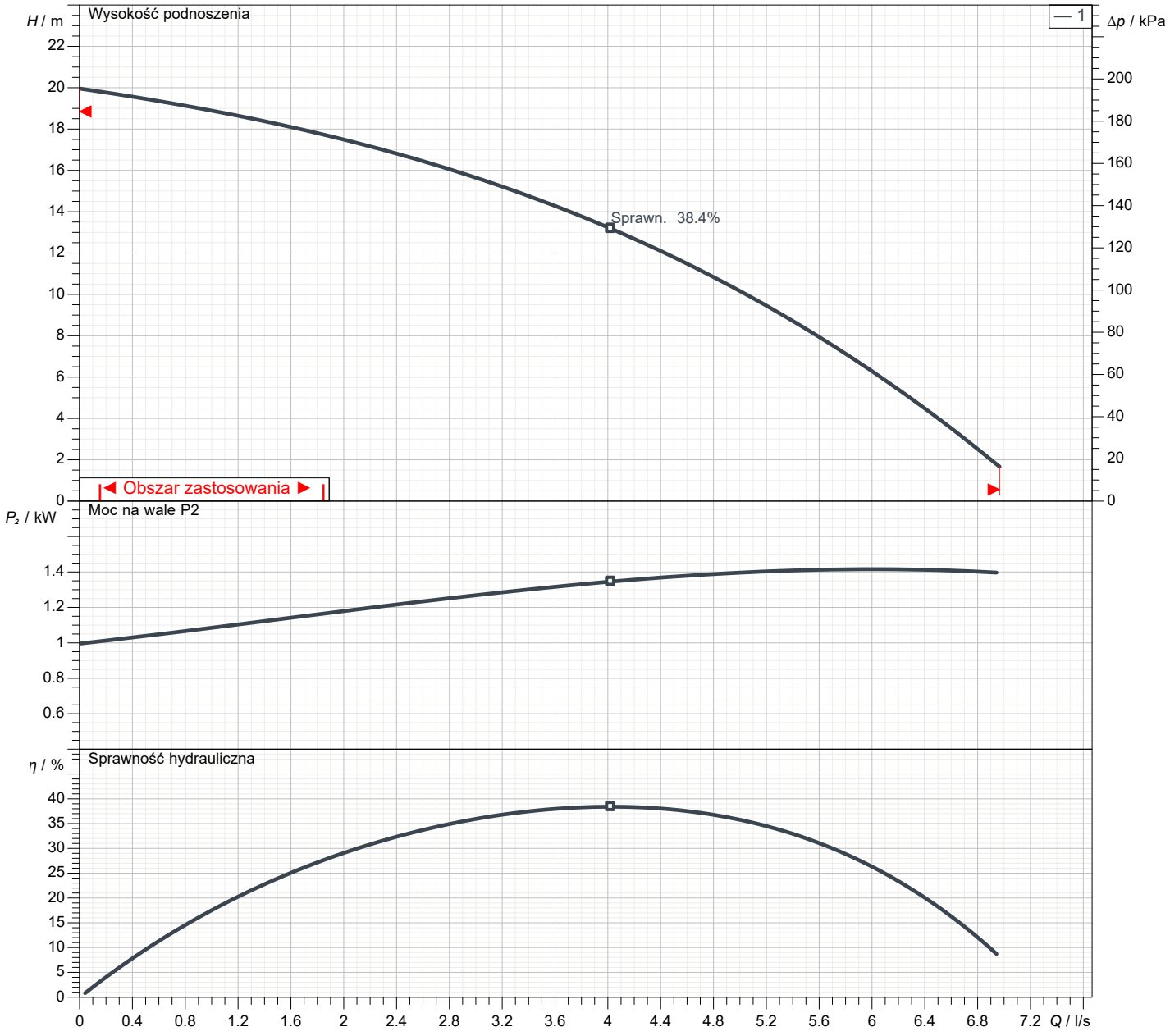
2” (50mm) BS-Coupling / Hose Coupling (optional)

Weight

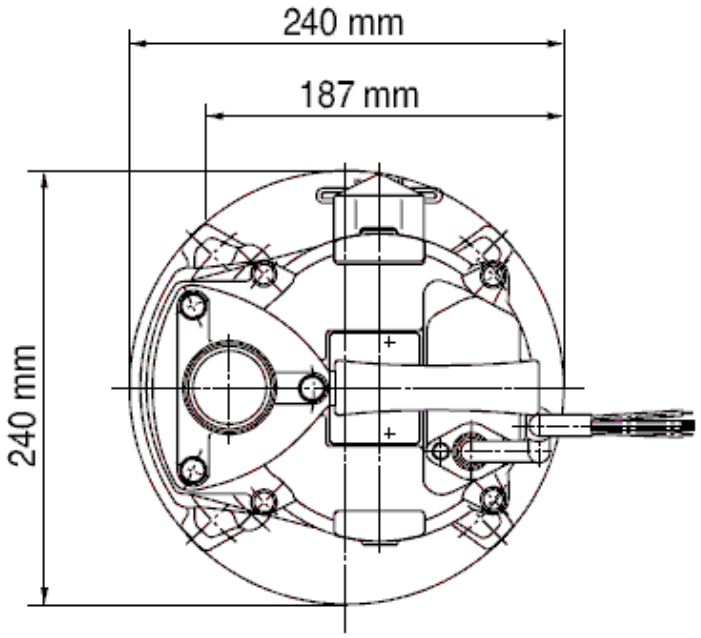
22 kg (dry weight of the pump only without cable)

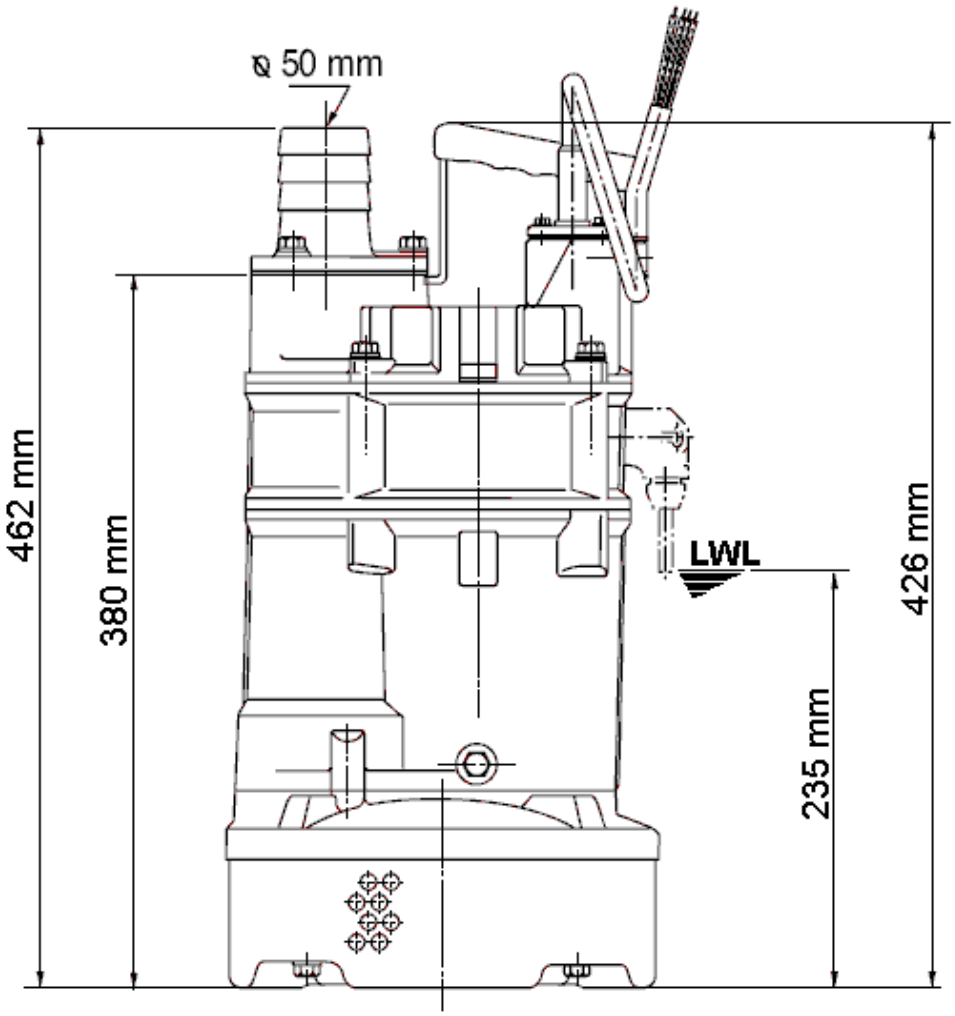
Performance curve
KTVE21.5-51

Króciec tłoczny	2"
Wysok. Podnoszenia	20.0 m
Wydajność	7.0 l/s
Moc znamionowa	1.50 kW
Pobór mocy	2.04 kW
Fazy	3~
Napięcia	400 V
Częstotliwość	50 Hz
Prąd nominalny	3.3 A
Prąd rozruchowy	19.01 A
Liczba biegunów	2
Prędkość obrotowa	2870 1/min
Rodzaj rozruchu	Rozruch bezpośredni
Klasa izolacji	E



Dimensions
KTVE21.5-51

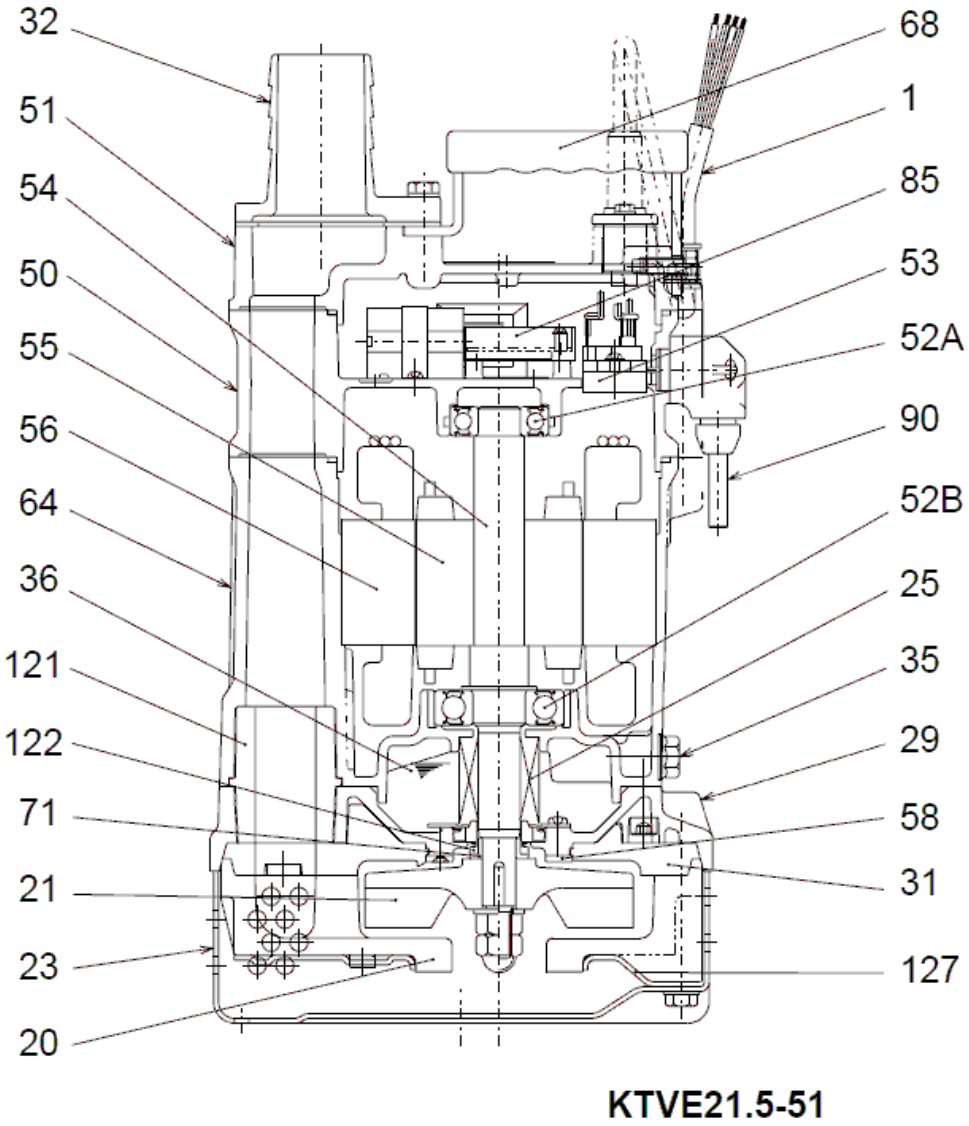




KTVE21.5-51

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

Sectional drawing
KTVE21.5-51



KTVE21.5-51

Nr	Nazwa	Uwagi	Nr	Nazwa	Uwagi
1	Cable	20m NSSHÖU	55	Rotor	.
20	Pump casing	Butadiene-/nitrile-rubber	56	Stator	.
21	Impeller	FCD700 (EN-GJS-700-2)	58	Locking washer	SUS304 (EN-X5CrNi18-10)
23	Strainer	Steel plate	64	Motor Frame	Aluminium alloy casting
25	Mechanical seal	H-20	68	Handle	Steelplate + butadieneacrylnitrilerubber
29	Oil casing	Aluminium alloy casting	71	Shaft protection sleeve	SUS304 (EN-X5CrNi18-10)
31	Attrition plate	Butadiene-/nitrile-rubber	85	Relais	.
32	Discharge coupling	Aluminium alloy casting	90	Electrode	.
35	Oil screw	SUS304 (EN-X5CrNi18-10)	121	Wear protection	Styrene-butadiene-rubber
36	Lubricant	Turbine oil (ISO VG32)	122	V-ring	Butadieneacrylnitrilerubber
50	Motor cover	Aluminium alloy casting	127	Pressure plate	Steel plate
51	Main cover	Aluminium alloy casting			
52A	Upper bearing	6204ZZC3			
52B	Lower bearing	6305ZZC3			
53	Motor Protection	.			
54	Shaft	SUS403 (EN-X6Cr13)			

Wahlerstr. 10 * 40472 Düsseldorf * Germany
Tel.: +49-211-4179373 sales@tsurumi.eu
Fax: +49-211-417937-480 www.tsurumi.eu