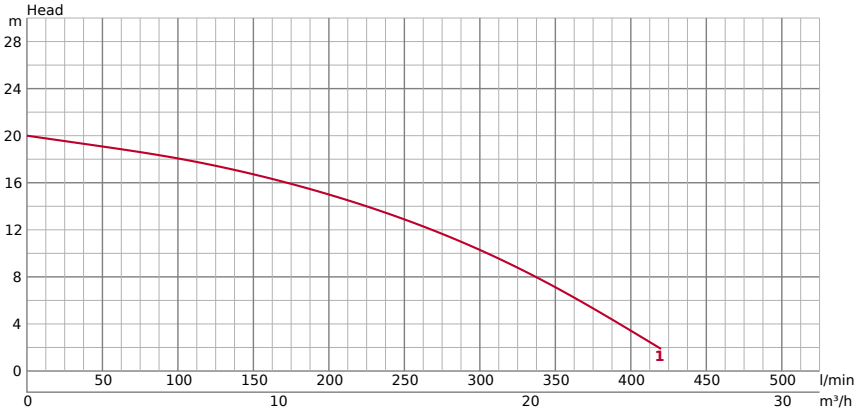
KTVE21.5





TECHNICAL INFORMATION

GENERAL		
	ø Discharge bore mm	50
	Discharge Connection	BSPT threaded/Hose coupling

PUMPING FLUID		
	Type of Fluid	Drainage
	Temperature	0-40°C
	Max. Solid Handling mm	8.50
	Max. dry matter %	10
	Max. PH Value	5-9
	Max. Capacity l/min	420
	Max. Head m	20

PUMP

COMPONENTS

Impeller	Semi-Vortex impeller
Bearings	Shielded ball bearings
Mechanical Seal	Dual mechancial seal in oil bath

MATERIAL

Impeller	Ductile iron casting EN-GJS-700-2
Casing	Synthetic rubber
Pump Body	Cast Aluminium
Mechanical Seal	Silicon Carbide

TECHNICAL INFORMATION | Motor, Others on the next page →

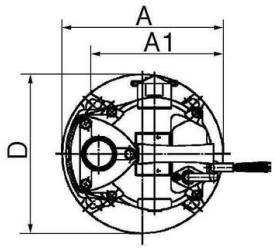
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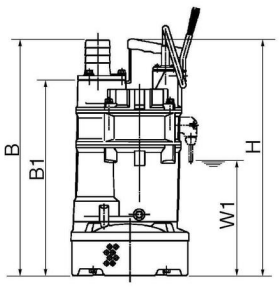
MOTOR		
	Motor output kW	1,5
	Starting method	direct online
	Suitable for VFD	Yes
	Suitable for Soft Starter	Yes
	Type, Poles	Induction motor, 2 poles, IP68
	Insulation	Insulation class E
	Phase / Voltage	3-phase / 400V / 50Hz
	r.p.m.	2870
	Motor Protector (built-in)	Circle thermal cut-out
	Rated Current	3.30
	Voltage Change 400V --> 230V	Internal re-connection (delta)
	Voltage Change 400V --> 690V	Re-Winding

MATERIAL	
Frame	Aluminium alloy casting
Shaft	Stainless steel EN-X6Cr13
Cable	NSSHÖU 4C*1. 5mm²
Cable Length	20m

OTHERS		
	Dry Weight kg	22
	Pressure Resistance	max. 50m

DIMENSIONS



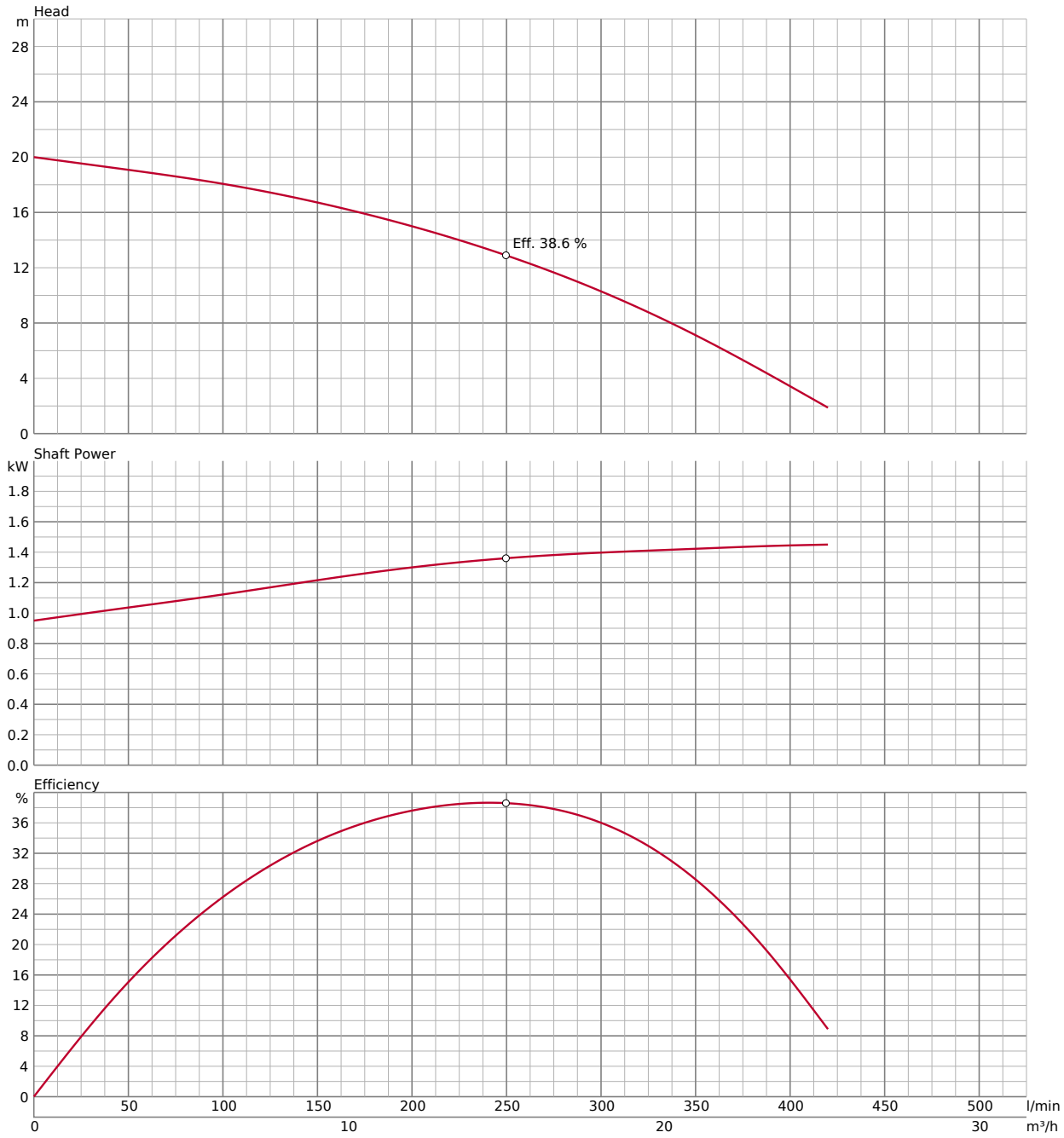


DIMENSIONS - IN MM					
A	240	**B1**	400	**H**	486
A1	187	**D**	240	**W1**	265
B	482				

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PERFORMANCE CURVE



In the event of abrasive and corrosive utilization, stronger wear and tear will take place naturally in certain components. In this regard, please pay attention to our website
www.tsurumi.eu/english/applications.htm.

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ACCESSORIES

REINFORCED WEAR PARTS **020-TEG-01, 031-TEG-01, 058-TEG-03**

Pump Casing, Wear Plate, Fixing Plate

Reinforced parts for heavy duty application



PUMP DISCHARGE **032-000-25**

3" BS-threaded coupling

3" discharge with suitable connection for threaded coupling



PUMP DISCHARGE **032-342-19**

3" Hose Coupling

3" discharge with suitable connection for hose coupling



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ACCESSORIES

ELECTRODE EXTENSION **090-126-15**

Extension electrode for KTVE/KTZE (1pc)

Extension electrode for KTVE/KTZE (1pc)



ELECTRODE PROTECTION COVER **090-TEG-01**

KTZE/KTVE electrode protection cover

Protection cover for electrode to prevent damage of electrode in case the pump falls.



OIL LEAKAGE SENSOR **TSS-TEG-08**

TSS Seal Oil Sensor M8 (10m)

Externally mounted leak sensors for water detection inside of oil chamber. Please note, an additional relay e.g. finder needs to be installed.



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ACCESSORIES

MOTOR PROTECTION PLUGS **547150403tu**

Plug CEE 16A

SPECIFICATIONS			
Amperage Control	2,5A - 4,0A	**IP**	44
Cable Gland	M25		

Rotary lever actuation, motor protection with adjustment of the respective rated current, with phase turner and rotary field control, cable gland, Overload Protection: Automatically disconnects the motor in case of excessive current draw, preventing over



MOTOR PROTECTION PLUGS **547250403tu**

Plug CEE 32 A

SPECIFICATIONS			
Amperage Control	2,5A - 4,0A	**IP**	44
Cable Gland	M32		

Rotary lever actuation, motor protection with adjustment of the respective rated current, with phase turner and rotary field control, cable gland, Overload Protection: Automatically disconnects the motor in case of excessive current draw, preventing over



MOTOR PROTECTION PLUGS **5571502400tu**

Plug with float connection CEE 16A

SPECIFICATIONS			
Amperage Control	2,4A - 4,0A	**IP**	44
Cable Gland	M25		

Rocker switch ON/OFF (HAND/AUTO), motor protection with adjustment of the respective rated current, contactor max. 7,5kW, with phase inverter, operating display and rotation field check cable gland for float switch and Power cable Overload Protection: Aut



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ACCESSORIES

MOTOR PROTECTION PLUGS **5572502400tu**

Plug with float connection CEE 32A

SPECIFICATIONS			
Amperage Control	2,4A - 4,0A	**IP**	44
Cable Gland	M32		

Rocker switch ON/OFF (HAND/AUTO), motor protection with adjustment of the respective rated current, contactor max. 7,5kW, with phase inverter, operating display and rotation field check cable gland for float switch and Power cable Overload Protection: Aut



MOTOR PROTECTION PLUGS **587150403**

CEE MS PW Stecker 16/5 6h 2.5-4.0A DFK IP67

SPECIFICATIONS			
Amperage Control	2,5A - 4,0A	**IP**	67
Cable Gland	M25		

Rotary lever actuation, motor protection with adjustment of the respective rated current, with phase turner and rotary field control, cable gland, Overload Protection: Automatically disconnects the motor in case of excessive current draw, preventing over



MOTOR PROTECTION PLUGS **587250403**

CEE MS PW Stecker 32/5 6h 2.5-4.0A DFK IP67

SPECIFICATIONS			
Amperage Control	2,5A - 4,0A	**IP**	67
Cable Gland	M32		

Rotary lever actuation, motor protection with adjustment of the respective rated current, with phase turner and rotary field control, cable gland, Overload Protection: Automatically disconnects the motor in case of excessive current draw, preventing over



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ACCESSORIES

CABLE REPAIR SET **061-TEG-06**

Cable Repair Kit for 001-TEG-31 Cabtyre Cable Set (20m) H07RN-F4Cx1,5mm2 and M01-TEG-31 Cable NSSHOEU 4G*1,5 mm2 (20m)

Cable repair set which allows you to repair a broken cable on site by yourself.



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