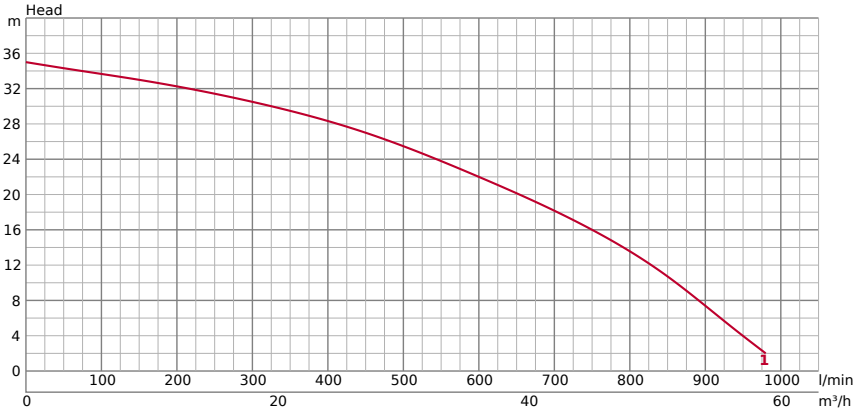
KTVE35.5





TECHNICAL INFORMATION

GENERAL		
	ø Discharge bore mm	80
	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	980
	Max. Head m	35

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 →

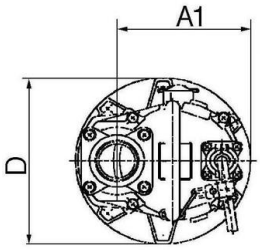
Tsurumi Europe GmbH
Wahlerstraße 10
40472 Düsseldorf
+49 211 4179373
+49 211 417937480
sales@tsurumi.eu
www.tsurumi.eu
Tsurumi Europe
Tsurumi Europe

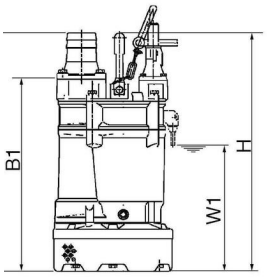
MOTOR		
	Motor output kW	5,5
	Starting method	direct online
	Suitable for VFD	Yes
	Suitable for Soft Starter	Yes
	Type, Poles	Induction motor, 2 poles, IP68
	Insulation	Insulation class E
	Phase / Voltage	3-phase / 400V / 50Hz
	r.p.m.	2870
	Motor Protector (built-in)	Circle thermal cut-out
	Rated Current	11
	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*2.5mm²
Cable Length	20m

OTHERS		
	Dry Weight kg	52
	Pressure Resistance	max. 50m

DIMENSIONS



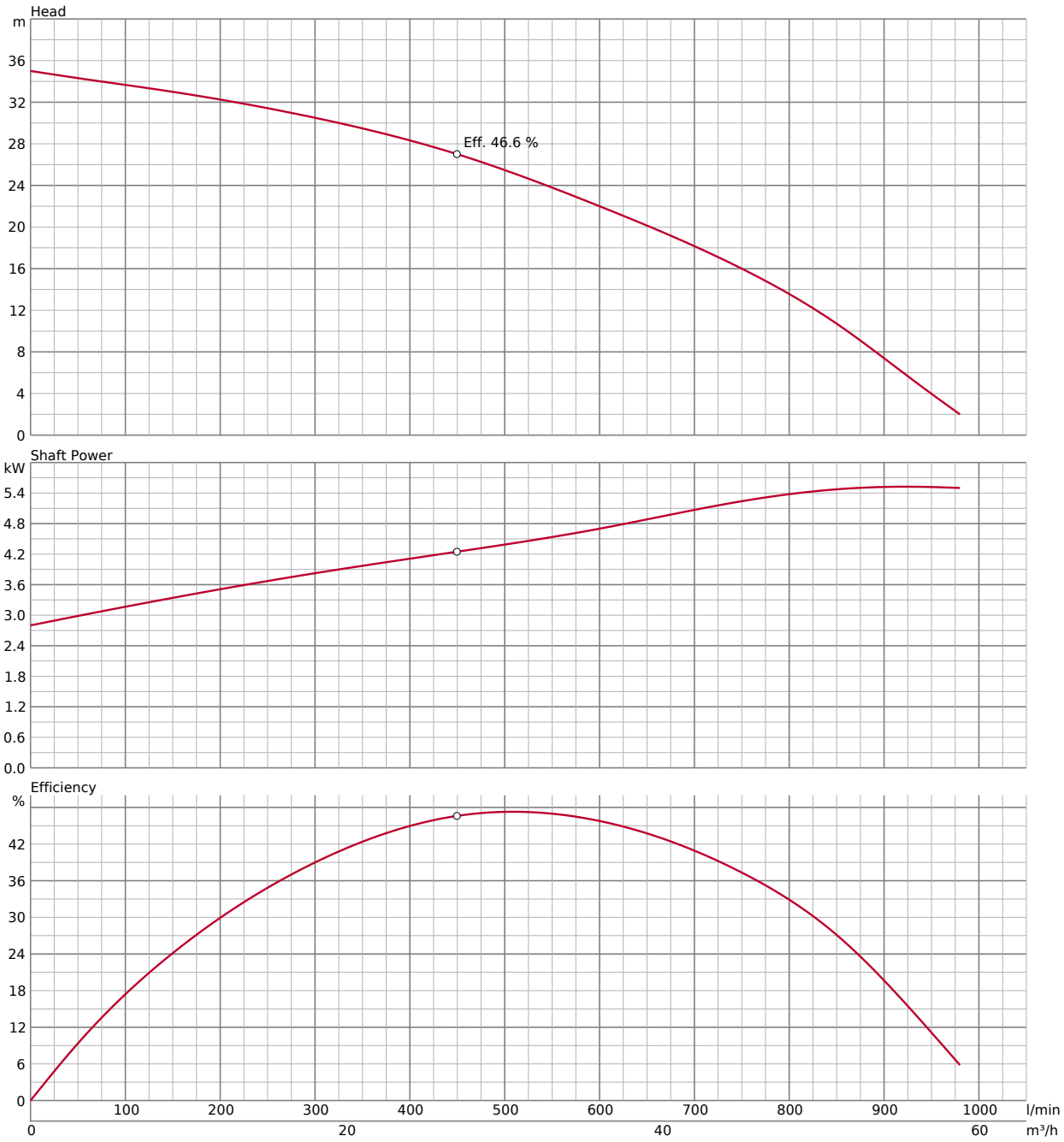


DIMENSIONS - IN MM					
A1	229	**B1**	497	**H**	620
B	620	**D**	300	**W1**	357

Tsurumi Europe GmbH
Wahlerstraße 10
40472 Düsseldorf

+49 211 4179373
+49 211 417937480
sales@tsurumi.eu
www.tsurumi.eu
Tsurumi Europe
Tsurumi Europe

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.

TSURUMI PUMP
STRONGER FOR LONGER

Tsurumi Europe GmbH
Wahlerstraße 10
40472 Düsseldorf

+49 211 4179373
+49 211 417937480
sales@tsurumi.eu
www.tsurumi.eu
Tsurumi Europe
Tsurumi Europe

ACCESSORIES

REINFORCED WEAR PARTS **020-TEG-03, 031-TEG-03, 058-TEG-02**

Pump Casing, Wear Plate, Fixing Plate

Reinforced parts for heavy duty application



PUMP DISCHARGE **032-127-29**

4" Hose Coupling

4" discharge with suitable connection for hose coupling



PUMP DISCHARGE **032-438-13**

4" BS-threaded coupling

4" discharge with suitable connection for threaded coupling

Tsurumi Europe GmbH
Wahlerstraße 10
40472 Düsseldorf

+49 211 4179373
+49 211 417937480
sales@tsurumi.eu
www.tsurumi.eu
Tsurumi Europe
Tsurumi Europe

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-10**

TSS Seal Oil Sensor M10 (10m)

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



Tsurumi Europe GmbH
Wahlerstraße 10
40472 Düsseldorf

+49 211 4179373
+49 211 417937480
sales@tsurumi.eu
www.tsurumi.eu
Tsurumi Europe
Tsurumi Europe

ACCESSORIES

MOTOR PROTECTION PLUGS **547151603tu**

Plug CEE 16A

SPECIFICATIONS			
Amperage Control	10,0A - 16,0A	**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 **547251603tu**

Plug CEE 32 A

SPECIFICATIONS			
Amperage Control	10,0A - 16,0A	**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 **587151603**

CEE MS PW Stecker 16/5 6h 10-16A DFK IP67

SPECIFICATIONS			
Amperage Control	10,0A - 16,0A	**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



Tsurumi Europe GmbH
Wahlerstraße 10
40472 Düsseldorf

+49 211 4179373
+49 211 417937480
sales@tsurumi.eu
www.tsurumi.eu
Tsurumi Europe
Tsurumi Europe

ACCESSORIES

MOTOR PROTECTION PLUGS **587251603**

CEE MS PW Stecker 32/5 6h 10-16A DFK IP67

SPECIFICATIONS			
Amperage Control	10,0A - 16,0A	**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

Tsurumi Europe GmbH
Wahlerstraße 10
40472 Düsseldorf

+49 211 4179373
+49 211 417937480
sales@tsurumi.eu
www.tsurumi.eu
Tsurumi Europe
Tsurumi Europe