


## Specifications:

Model	Colour code curve	Bore mm	Motor output kW	Rated current A	Head max. m	Capacity max. l/min	Dry weight kg w/o cable	Max. solid handling ø mm	Pressure resistance max. m	Cable length m
KTZE43.7	 1	100	3,7	7,7	18,0	1440	71,0	8,5	25	20

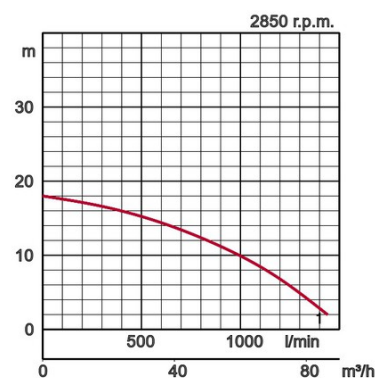
## Electrode Auto Control System

The KTZE-type is equipped with a new electrode type control system.

Pump operation is started when the water level rises and contacts the electrode.

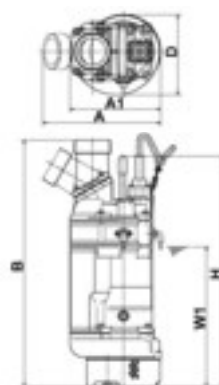
When the the water-electrode contact is lost the timer starts operating, after one minute pump operation is stopped.

ø Discharge bore mm		100		
Pumping Fluid	Temperature	0-40°C		
	Type of Fluid	Spring water, Rain water, Ground water, Sand carrying water		
Pump	Components	Impeller	Semi-open type impeller	
		Shaft Seal	Double mechanical seal	
		Bearings	Shielded ball bearings	
	Material	Impeller	Chromium iron casting	
		Casing	Grey iron casting EN-GJL-200	
		Suction Plate	Ductile iron casting EN-GJS-500-7	
		Shaft Seal	Silicon carbide in oil bath	
Motor	Type, Poles	Induction motor, 2 poles, IP68		
	Lubrication	Turbine oil (ISO VG32)		
	Motor Protector (built-in)	Circle thermal cut-out		
	Insulation	Insulation class F		
	Phase / Voltage	3-phase / 400V / 50Hz / d.o.l.		
	Material	Casing	Grey iron casting EN-GJL-200	
		Shaft	Stainless steel EN-X30Cr13	
Cable		Rubber, NSSHÖU		
Discharge Connection		Threaded flange/Hose coupling		



## Dimensions in mm:

Model	A	A1	B	D	H	W1
KTZE43.7	368	283	767	252	717	435



W1: lowest running water level

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](http://www.tsurumi.eu/english/applications.htm).