


## 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	
KTZE31.5		1	80	1,5	3,6	14,4	670	39,0	8,5	25	20

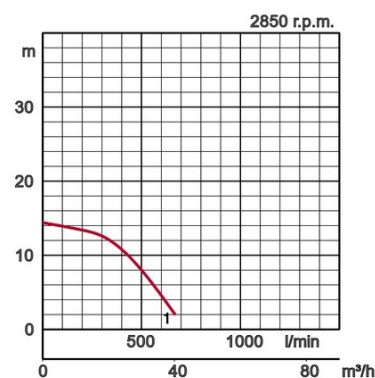
## Electrode Auto Control System

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		80	
Pumping Fluid	Type of Fluid	Spring water, Rain water, Ground water, Sand carrying water	
	Temperature	0-40°C	
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	Insulation		Insulation class F
	Phase / Voltage		3-phase / 400V / 50Hz / d.o.l.
	Lubrication		Turbine oil (ISO VG32)
	Type, Poles		Induction motor, 2 poles, IP68
	Motor Protector (built-in)		Circle thermal cut-out
	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
KTZE31.5	268	235	609	216	728	345



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).