



**TSURUMI PUMP**

**KTZ** 3-phase  
50Hz

Heavy duty dewatering pump  
- for professional use

Generally applicable high grade pump that can be used efficiently in draining in civil engineering. Maximum water depth 25m. Incorporating on the job requirements in the initial product design, Tsurumi has built a powerful new series of pumps to match the demands of tough drainage jobs.



## Top Discharge



Pumped water cools the motor and discharges as illustrated. The motor can be cooled even when pumping a small amount of water. The top discharge arrangement allows access into areas with space limitations.



## Rugged

By offering a cast iron pump body, our durability is increased over standard aluminium body pumps. With each motor size there is a choice between high head and high volume performance ranges.

## Efficient motor cooling

Slim line design with a top discharge offers economy of space. There is efficient motor cooling through a side flow channel.

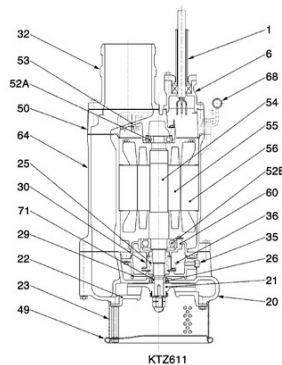


## Increased water-pressure resistance

An newly developed mechanical seal endures water pressure of up to 2,5 kgf/cm<sup>2</sup>. This makes the pumps usable at greater depth, such as in deep wells, to say nothing of use at general construction sites.

## Components:

001 Cable	036 Lubricant
006 Cable entrance	050 Motor cover
020 Pump casing	052A Upper bearing
021 Impeller	052B Lower bearing
022 Suction plate	053 Motor protector
023 Strainer	054 Shaft
025 Mechanical seal	055 Rotor
026 Oil sealing	056 Stator
030 Oil lifter	060 Bearing housing
032 Hose coupling	064 Motor casing
035 Oil plug	068 Handle



## Cast Iron used:

	Brinell hardness:
Chromium iron casting	415 - 425
Grey iron casting EN-GJL-200	150 - 230
Ductile iron casting EN-GJS-500-7	150 - 220



