



TSURUMI PUMP

KTV ^{3-phase}
50Hz

Maximum durability, lightweight and portable
- for professional use

Tsurumi's expertise has developed a new series which combines high tech materials for maximum durability, yet lightweight and portable. This pump is equally suited for construction site dewatering as well as installation into facilities.



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.



Lightweight

To lower the overall weight, pump materials have been changed in part to die-cast aluminium and specially treated synthetic rubber. Compared with Tsurumi's conventional pumps of the same type, this change has resulted in a 10kg weight reduction. An ergonomically designed handle facilitates relocation of the pump at construction sites.

Rugged

Specially prepared synthetic rubber parts including the casing, wear plate and duct sleeve protect the die-cast aluminium motor housing. This has resulted in amazingly increased wear resistance and other virtues such as:

- Reduced need for general service maintenance.
- A pump immune to calcium carbonate deposits or scale



Low maintenance

The pump's lower part can be disassembled with a box wrench for effortless maintenance without impeller removal.

Components:

001 Cable	052B Lower bearing
020 Pump casing	053 Motor protector
021 Impeller	054 Shaft
023 Strainer	055 Rotor
025 Mechanical seal	056 Stator
029 Oil casing	058 Washer
030 Oil lifter	060 Bearing housing
031 Wear plate	064 Motor casing
032. Outlet	068 Handle
035 Oil plug	071 Shaft sleeve
036 Lubricant	121 Packing
050 Motor cover	122 V-ring
052A Upper bearing	127 Fixing plate



