



**TSURUMI PUMP**

**LH** 3-phase  
50Hz

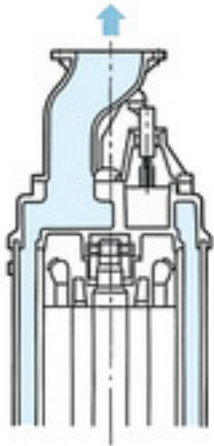
High head pumps - Deep well draining  
- for professional use

The recent developments of civil engineering and architectural technologies are increasing the necessity of digging deeper into the earth. This requires a submersible pump with a rugged construction that can withstand the high pressure so deep in the water.



## Water jacket

Inner and outer motor casing - flow-through-design - perfect cooling under dry-run-conditions.



## Cylindrical channel

The cylindrical drive channel maintains the motor cooling efficiency adequately even during operation at low water levels. With a top discharge, centered on the unit, the pump can be installed in narrow places.

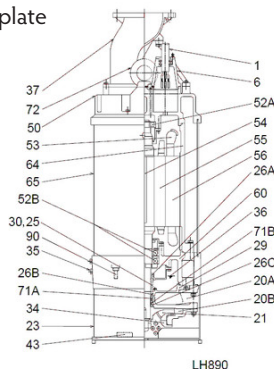


## Iron casting - superior to aluminium

Casing and motor frame made of grey iron casting, impeller made of high chromium iron casting

## Components:

001 Cable	043 Cathodic protection plate
006 Cable entrance	050 Motor cover
020A Pump casing	052A Upper bearing
020B Pump casing	052B Lower bearing
021 Impeller	053. Miniature protector
023 Strainer	054 Shaft
025 Mechanical seal	055 Rotor
026A Oil sealing	056 Stator
026B Oil sealing	060 Bearing housing
026C Labyrinth ring	064 Motor casing
029 Oil casing	065 Jacket
030 Oil lifter	071A Shaft sleeve
034 Wear ring	071B Shaft sleeve
035 Oil plug	072 Eye bolt
036 Lubricant	090, Leakage sensor
037 Discharge bend	



LH890

## Cast Iron used:

	Brinell hardness:
Chromium iron casting	415 - 425
Grey iron casting EN-GJL-200	150 - 230
Ductile iron casting EN-GJS-450-10	143 - 217



