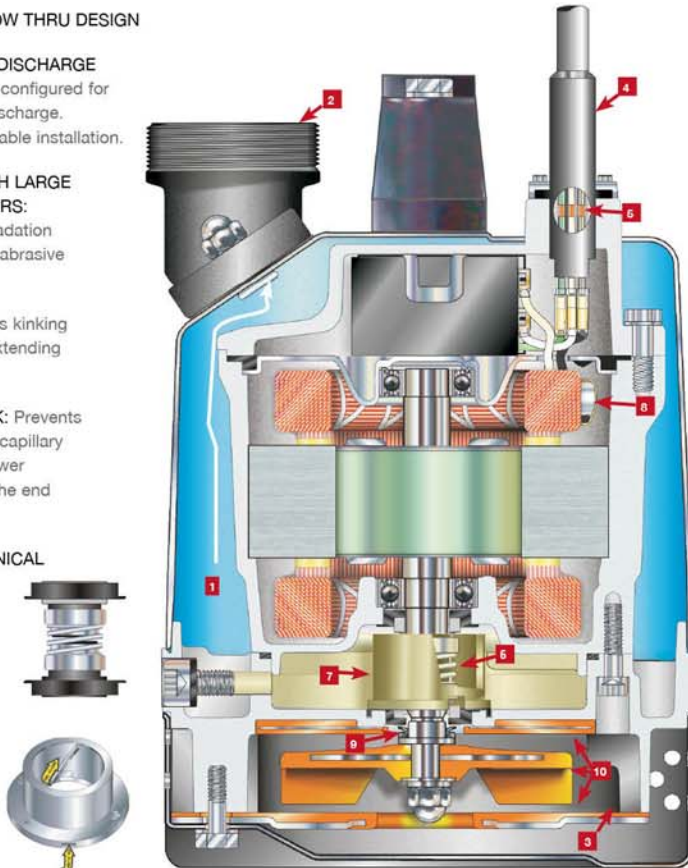


TSURUMI PUMP Electric Submersible Pumps

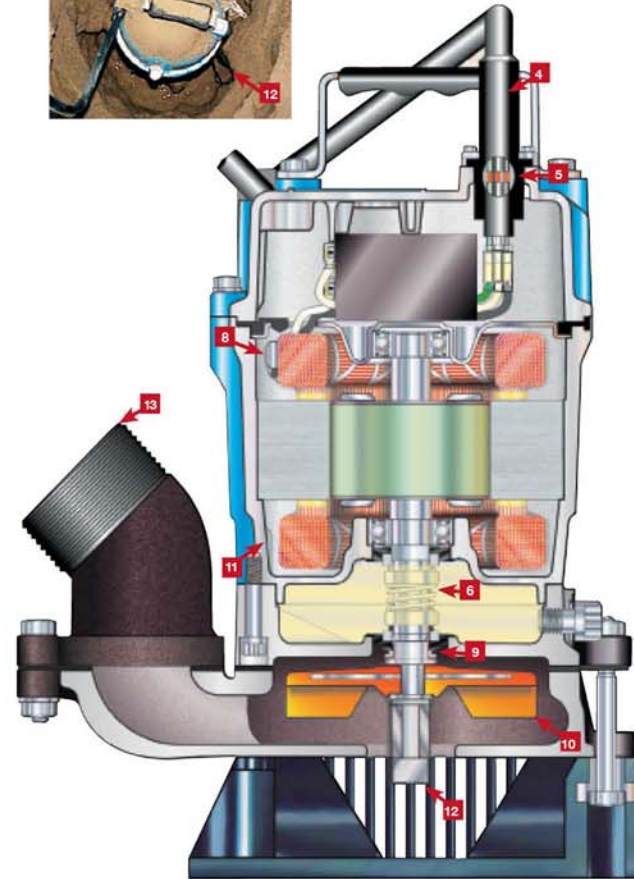
LB Series • HS Series Features Long-life by design

- 1 TOP DISCHARGE, FLOW THRU DESIGN**
- 2 MULTI-DIRECTIONAL DISCHARGE CONNECTOR:** Can be configured for horizontal or vertical discharge. Providing for a more stable installation.
- 3 RUBBER CASING WITH LARGE ROUNDED CUT-WATERS:** Resists wear and degradation of performance due to abrasive particles.
- 4 CABLE BOOT:** Prevents kinking at cable entrance by extending bending radius.
- 5 ANTI-WICKING BLOCK:** Prevents water incursion due to capillary wicking, should the power cable be damaged or the end submerged.
- 6 DUAL INSIDE MECHANICAL SEAL WITH SILICON CARBIDE FACES:** Provides longer operational life of any seal available.
- 7 OIL LIFTER:** Provides lubrication of the seal faces down to 1/3 of normal oil level and extends seal life by ten times—uses no additional power.



Featured Model LB480

TSURUMI PUMP Electric Submersible Pumps



Featured Model HS2.4S

- 8 MINIATURE THERMAL MOTOR PROTECTOR:** Protects against overheating & run-dry.
- 9 V-RING SEAL PROTECTOR:** Protects mechanical seal from abrasive particles.
- 10 URETHANE, SEMI-VORTEX IMPELLER & WEAR PLATES:** Resists wear by abrasive particles and does not depend on close tolerances to maintain pump performance.



Tsurumi Impeller polished, not worn by abrasive material. Competitor Impeller is effectively worn out.

- 11 COPPER WINDINGS WITH CLASS E INSULATION:** Operates at lower temperatures, extending insulation and bearing life.
- 12 AGITATOR:** Suspends sand and mud, allowing for sediment removal from sumps or basins.
- 13 45° ANGLED DISCHARGE CONNECTOR:** Provides for a more stable installation for either vertical or horizontal discharge hose.

HS Features

(Not all features available on every Tsurumi submersible pump.)