



 **TSURUMI PUMP™**
BUILT FOR WORK®

Electric Submersible Pumps
Engine Pumps
Portable Generators
Parts and Accessories

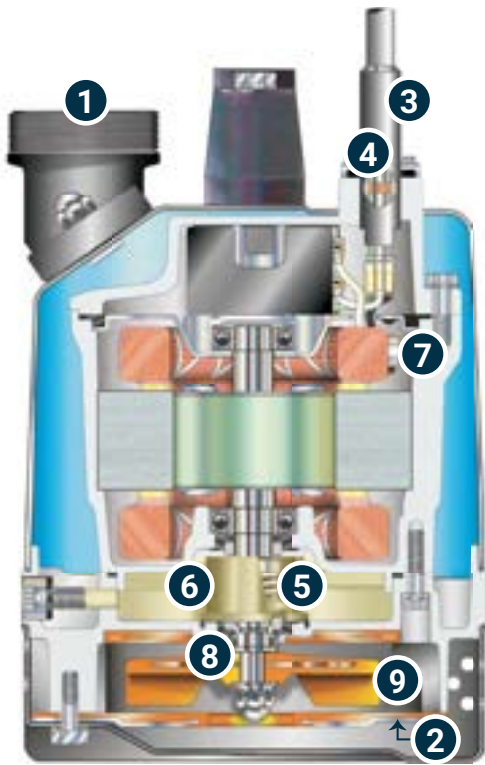




For over 100 years, Tsurumi has been a trusted name in water movement. As a leader in portable pump solutions, we combine engineering excellence, reliable inventory, and unmatched customer support to keep water flowing — wherever and however it's needed.

From construction sites to emergency response, our pumps are **BUILT FOR WORK®** and ready to perform in the toughest conditions, wherever the job takes you.

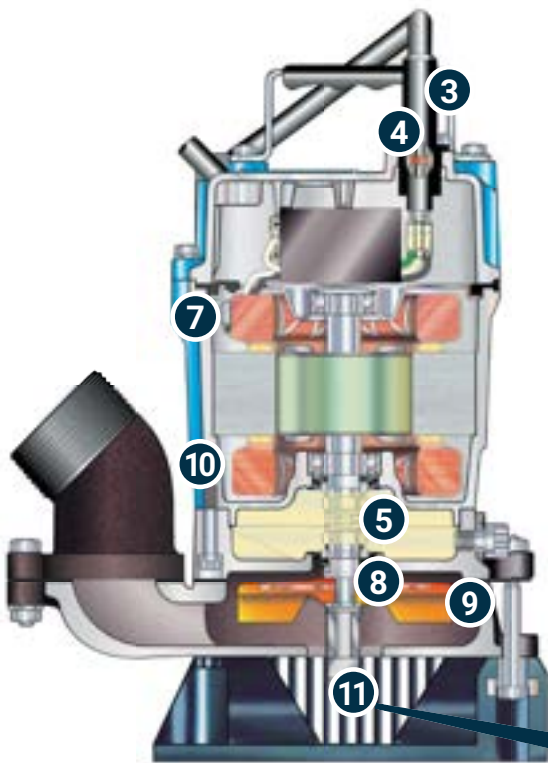
ELECTRIC SUBMERSIBLE PUMPS - *Long Life by Design*



LB-480

Top Discharge, Flow-Thru Design

- 1 **MULTI-DIRECTIONAL DISCHARGE CONNECTOR** can be configured for horizontal or vertical discharge. Providing for a more flexible installation.
- 2 **RUBBER CASING WITH LARGE ROUNDED CUT-WATER** resists wear and degradation of performance due to abrasive particles.
- 3 **CABLE BOOT** prevents kinking at cable entrance by extending bending radius.
- 4 **ANTI-WICKING BLOCK** prevents water incursion due to capillary wicking, should the power cable be damaged or the end submerged.
- 5 **DUAL INSIDE MECHANICAL SEAL WITH SILICON CARBIDE FACES** provides longer operational life of any seal available.
- 6 **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.
- 7 **MINIATURE THERMAL MOTOR PROTECTOR** protects against overheating & run-dry.
- 8 **V-RING SEAL PROTECTOR** protects mechanical seal from abrasive particles.
- 9 **URETHANE, SEMI-VORTEX IMPELLER & WEAR PLATES** resists wear by abrasive particles and does not depend on close tolerances to maintain pump performance.



HS2.4S

Side Discharge, Spiral Design with 45° Angled Discharge Connector



Tsurumi Impeller polished, not worn by abrasive material.



Competitor Impeller is effectively worn out.

- 10 **COPPER WINDINGS WITH CLASS E INSULATION**
- 11 **AGITATOR** suspends sand and mud, allowing for sediment removal from sumps or basins.



ELECTRIC SUBMERSIBLE PUMPS

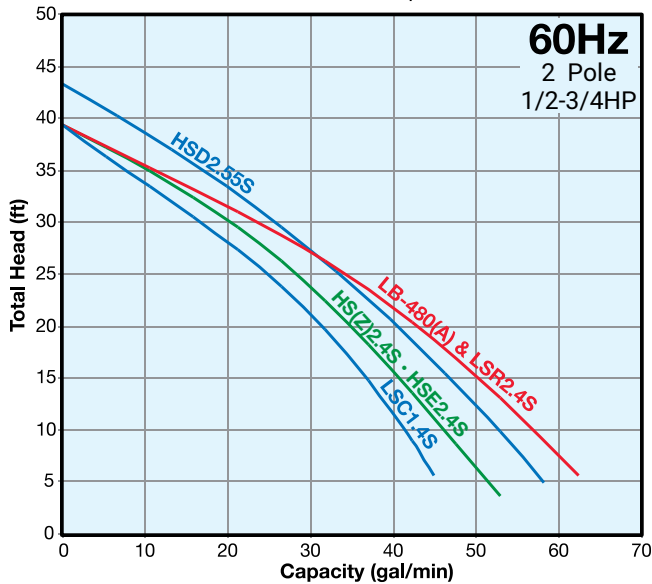
Reliable and Cost-Effective

Tsurumi pumps are trusted across the rental and construction industries for their dependable performance and long-term value.

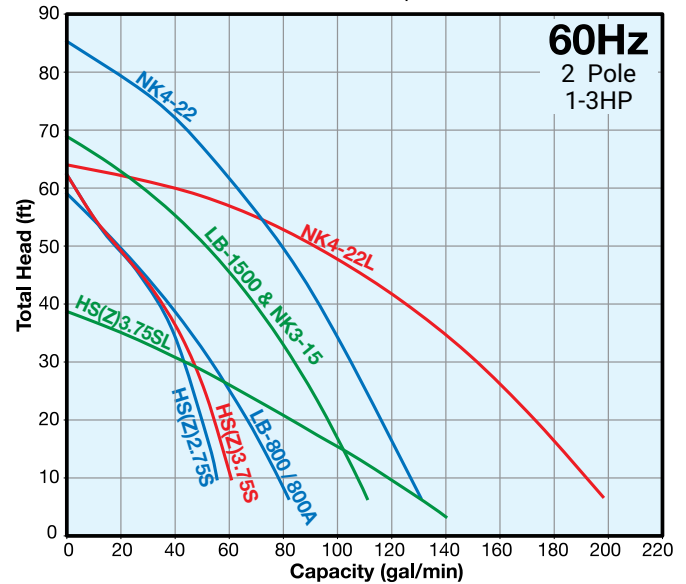
While many pumps may appear similar, our customers recognize that Tsurumi stands apart by using only the most durable components in every product we manufacture—ensuring reliability, reduced maintenance, and lower total cost of ownership.

GROUP PERFORMANCE RANGE

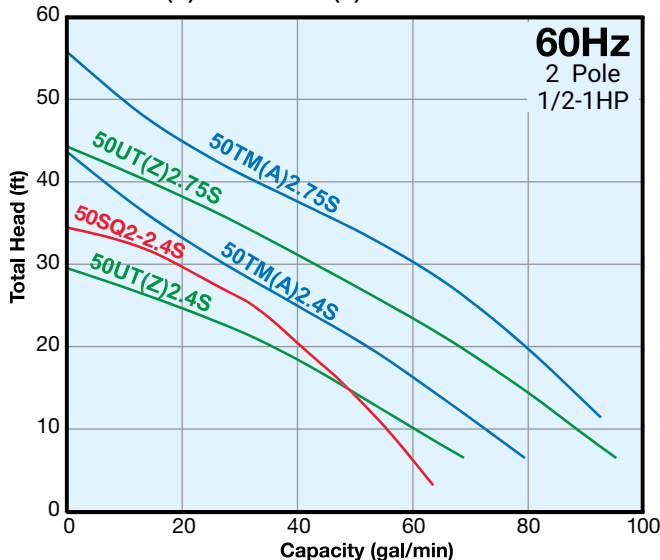
Electric Submersible Pumps: Under 1HP



Electric Submersible Pumps: 1HP or more



TM(A) Series • UT(Z) Series • 50SQ2-2.4S



Dewatering Pump LB LB-480 • LB-480A - 2/3 HP

LB-480 Slimline design pump fits into 8" pipes. Powerful pumps built with durable materials in an easy handling design. Top discharge provides maximum motor cooling efficiency allowing continuous duty operation at low water levels with extended dry-run capability.

LB-480A features a relay unit with a stainless steel probe and built-in timing relay. When water contacts the probe, the pump activates and continues running for about a minute after water contact ends. Ideal for tight spaces where float switches can't be used.



LB-480



LB-480A

Certified by Intertek Testing Service to UL and CSA standards for submersible construction pumps.

| Model | Motor Output (HP) | Phase | Discharge Bore (inch) | Cable Length (ft) | Dimension (inch) | | Continuous Running Water Level (inch) | Shipping Weight (lbs.) |
|---------|-------------------|--------|-----------------------|-------------------|------------------|---------|---------------------------------------|------------------------|
| | | | | | Diameter | Heights | | |
| LB-480 | 2/3 | Single | 2 | 32 | 7 11/16 | 11 1/4 | 2 | 28 |
| LB-480A | 2/3 | Single | 2 | 32 | 8 3/4 | 11 1/4 | 4 1/2* | 29 |

*Pump Starting Water Level

LB-480

- Urethane semi vortex impeller and wear plates for maximum wear resistance and maintaining pump performance
- Dual inside mechanical seal with sic faces provides longer operational life
- Oil lifter provides lubrication of the seal faces
- V-ring seal design protects mechanical seal from abrasive particles

Optional accessories - See page 25-26

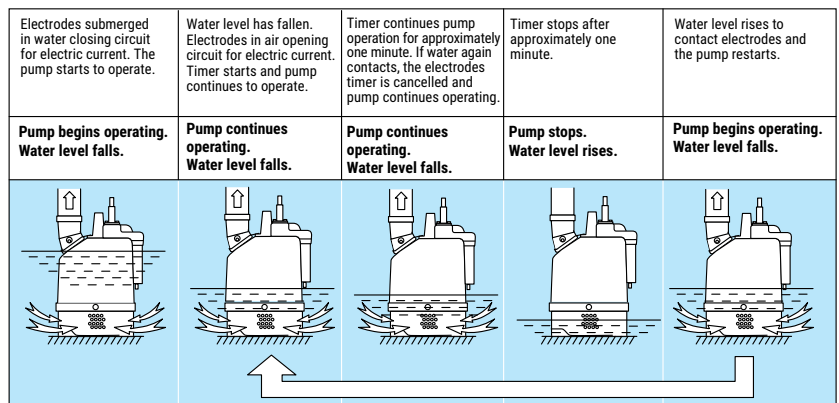
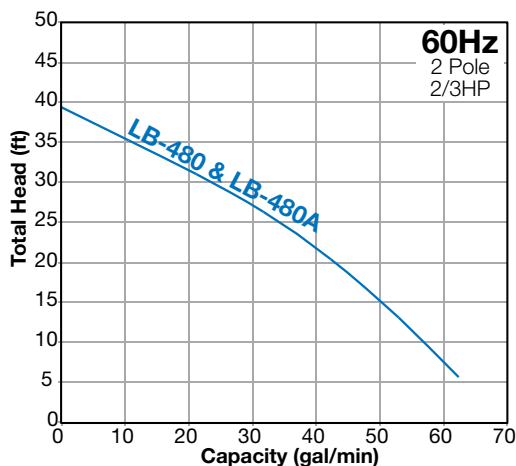
- TS-301 float switch for automatic operation
- Discharge hoses
- Quick connect fittings

LB-480A

- Integral automatic pump control (no panel required)
- Ideal for automatic operation in tight or narrow spaces

Technical features of automatic (A) water level sensor

- Conductive electrodes detect water to start pump operation even when foreign materials are present
- Internal 60-second timer eliminates frequent on/off operation in rough water to extend motor life
- Relay sensor completely molded in resin and covered by rubber case for protection against rough handling
- Jobsite tested for more than 30,000 on-off cycles without failure or damage



Dewatering Pump LB LB-800 • LB-800A - 1 HP

LB-800 Slimline design pump fits into 8" pipes. Powerful pump built with durable materials in an easy handling design. Top discharge provides maximum motor cooling efficiency allowing continuous duty operation at low levels with extended dry-run capability.

LB-800A features a relay unit with a stainless steel probe and built-in timing relay. When water contacts the probe, the pump activates and continues running for about a minute after water contact ends. Ideal for tight spaces where float switches can't be used.



Certified by Intertek Testing Service to UL and CSA standards for submersible construction pumps.

| Model | Motor Output (HP) | Phase | Discharge Bore (inch) | Cable Length (ft) | Dimension (inch) | | Continuous Running Water Level (inch) | Shipping Weight (lbs.) |
|---------|-------------------|--------|-----------------------|-------------------|------------------|---------|---------------------------------------|------------------------|
| | | | | | Diameter | Height | | |
| LB-800 | 1 | Single | 2 | 50 | 7 9/16 | 13 7/16 | 2 | 37 |
| LB-800A | 1 | Single | 2 | 50 | 8 3/4 | 13 7/16 | 6 3/4* | 38 |

*Pump Starting Water Level

LB-800

- Designed to fit an 8" pipe
- Up to 59' shut off head
- Available in 230v single-phase
- Dual inside mechanical seal with sic faces provides longer operational life
- Oil lifter provides lubrication of the seal faces

Optional accessories - See page 25-26

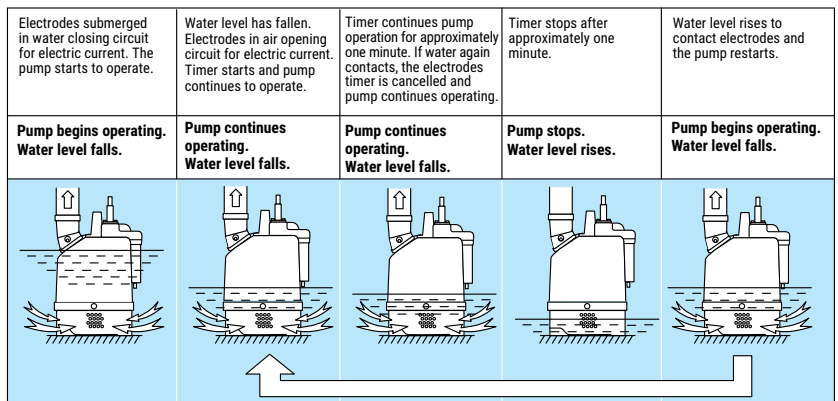
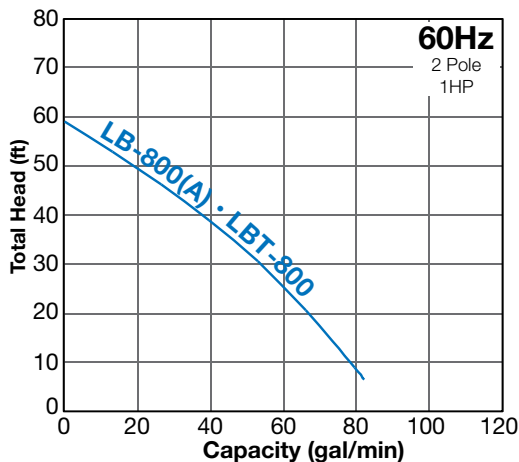
- Float switch for automatic operation (TS-302 for 115V, TS-303 for 230V)
- Discharge hoses
- Quick connect fittings

LB-800A

- Integral automatic pump control (no panel required)
- Ideal for automatic operation in tight or narrow spaces

Technical features of automatic (A) water level sensor

- Conductive electrodes detect water to start pump operation even when foreign materials are present
- Internal 60-second timer eliminates frequent on/off operation in rough water to extend motor life
- Relay sensor completely molded in resin and covered by rubber case for protection against rough handling
- Jobsite tested for more than 30,000 on-off cycles without failure or damage



Dewatering Pump LB LB-1500 - 2 HP

LB-1500 Slimline design pumps fit into 8" pipes. Powerful pump built with durable materials in an easy handling design. Top discharge provides maximum motor cooling efficiency allowing continuous duty operation at low levels and extended dry-run capability.



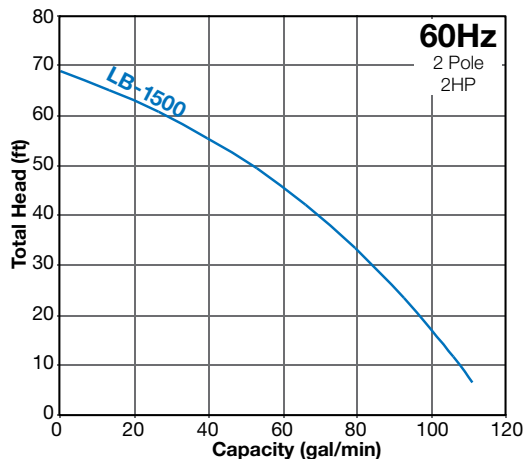
Certified by Intertek Testing Service to UL and CSA standards for submersible construction pumps.

| Model | Motor Output (HP) | Phase | Discharge Bore (inch) | Cable Length (ft) | Dimension (inch) | | Continuous Running Water Level (inch) | Shipping Weight (lbs.) |
|---------|-------------------|--------|-----------------------|-------------------|------------------|---------|---------------------------------------|------------------------|
| | | | | | Diameter | Height | | |
| LB-1500 | 2 | Single | 3 (2)* | 50 | 7 3/8 | 23 5/16 | 3 1/8 | 85 |

*2" option is available

LB-1500

- Circle thermal motor protector: protects against overheating, over amperage & run-dry
- Anti-wicking block: prevents water incursion due to capillary wicking should the power cable be damaged or the end submerged
- Oil lifter: lubricates the seal faces and extends seal life by ten times using no additional power, even when oil is down to 1/3 normal level.
- Dual inside mechanical seals with silicon carbide faces, (both top and bottom) running in an oil filled chamber provides for the most durable seal design available
- High chrome iron semi-open impeller resists wear from abrasive particles
- Synthetic rubber pump casting: for wear resistance and easy maintenance
- V-ring system keeps abrasives away from the mechanical seals.



Optional accessories - See page 25-26

- Float switch TS-304
- Discharge hoses
- Quick connect fittings
- Control panel
- 2" discharge

Trash Pump HS HS • HSZ • HSE - 1/2 to 1 HP

HS / HSZ / HSE Series: Durable trash pumps in 2" and 3" sizes designed to pump water containing sand, solids, and debris with minimal wear and clogging. The HS models are manual operation for plug in and run operation. The HSZ includes an integral float switch that turns the pump on and off as the water level raises and lowers. The HSE models utilize a conductive electrode relay unit for tight space automatic operation where a float switch won't fit.



Certified by Intertek Testing Service to UL and CSA standards for submersible construction pumps.

| Model | Motor Output (HP) | Phase | Discharge Bore (inch) | Cable Length (ft) | Dimension (inch) | | Continuous Running Water Level (inch) | Float Start ¹ / Float Stop ¹ Level | | Shipping Weight (lbs.) |
|-----------|-------------------|--------|-----------------------|-------------------|------------------|----------|---------------------------------------|--|-------|------------------------|
| | | | | | Diameter | Height | | | | |
| HS2.4S | 1/2 | Single | 2 | 20 | 10 1/16 | 12 15/16 | 3 1/2 | N/A | | 30 |
| HSZ2.4S | 1/2 | Single | 2 | 20 | 13 1/2* | 15 1/8* | 15 1/8* | 15 1/8 | 4 3/4 | 30 |
| HSE2.4S | 1/2 | Single | 2 | 32 | 10 1/16 | 14 1/8 | 6 1/2 | N/A | | 30 |
| HS2.75S | 1 | Single | 2 | 32 | 11 7/16 | 15 5/16 | 3 1/2 | N/A | | 47 |
| HSZ2.75S | 1 | Single | 2 | 32 | 13 1/2* | 17 1/2* | 17 1/2* | 17 1/2 | 7 1/8 | 47 |
| HS3.75S | 1 | Single | 3* | 32 | 12 7/16 | 15 5/16 | 3 1/2 | N/A | | 50 |
| HS3.75SL | 1 | Single | 3 | 32 | 12 7/16 | 16 3/4 | 4 3/4 | N/A | | 55 |
| HSZ3.75S | 1 | Single | 3* | 32 | 13 1/2* | 17 1/2* | 17 1/12* | 17 1/2 | 7 1/8 | 50 |
| HSZ3.75SL | 1 | Single | 3 | 32 | 15 3/4* | 19 7/8* | 19 7/8* | 19 7/8 | 7 1/8 | 55 |

*2" option is available

*Minimum Required Space

*Pump Starting Level

¹See note in graphic below.

HS • HSZ • HSE TRASH PUMPS

- Built-in shaft mounted agitator suspends solids
- Urethane semi vortex impeller maintains pump performance through superior wear resistance
- Dual inside mechanical seal with sic faces provides longest operational life
- Oil lifter provides lubrication of the seal faces
- V-ring seal design protects mechanical seal from abrasive particles

Technical features of automatic (E) water level sensor*

* not for use in distilled or deionized water

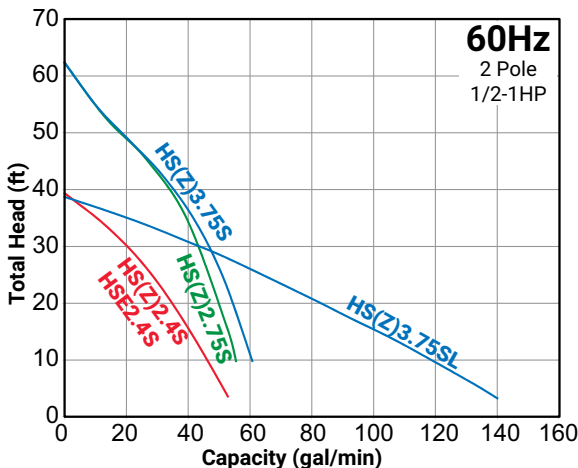
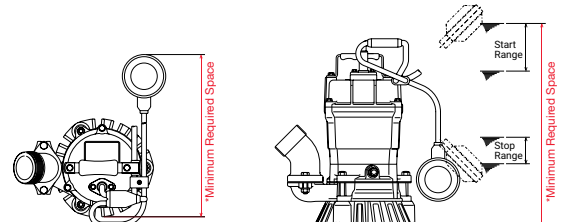
- Conductive electrodes detect water to start pump operation even when foreign materials are present
- Internal 60-second timer eliminates frequent on/off operation in rough water to extend motor life
- Automatic water level sensor completely molded in resin and covered by rubber case for protection against rough handling.
- Jobsite tested for more than 30,000 on-off cycles without failure or damage

Optional accessories - See page 25-26

- Vertical discharge coupling
- 2-inch NPT coupling available for HS(Z)3.75S

HSZ2.4S / 2.75S / 3.75S(L) Pump Dimension Reference

Float Start Range can fluctuate by 3 1/2".
Float Stop Range can fluctuate by 1 5/8".



Trash Pump HS

HSD - Extreme Duty Trash Pump - 3/4 HP

Engineered for the toughest job sites, the HSD Series is built to handle water mixed with sand, sludge, and debris with minimal wear and clogging. Its robust construction and high-torque performance make it ideal for demanding environments such as construction sites, flood zones, and industrial drainage.



Certified by Intertek Testing Service to UL and CSA standards for submersible construction pumps.

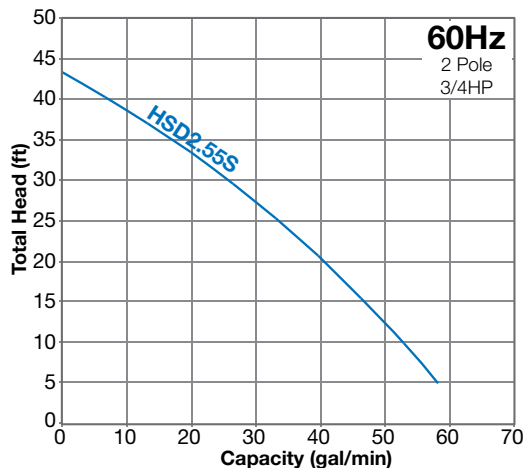
| Model | Motor Output (HP) | Phase | Discharge Bore (inch) | Cable Length (ft) | Dimension (inch) | | Continuous Running Water Level (inch) | Shipping Weight (lbs.) |
|----------|-------------------|--------|-----------------------|-------------------|------------------|---------|---------------------------------------|------------------------|
| | | | | | Diameter | Heights | | |
| HSD2.55S | 3/4 | Single | 2 | 32 | 10 3/8 | 15 3/8 | 4 1/8 | 39 |

HSD2.55S

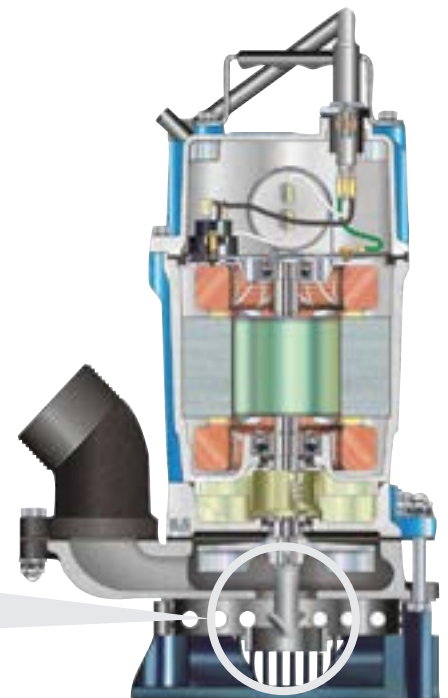
- Anti-wicking block prevents water incursion
- Oil lifter extends seal life by ten times
- Dual inside mechanical seal with silicon carbide faces provides longer operational life of any seal available
- V-ring seal design protects mechanical seal from abrasive particles
- Built-in larger shaft mounted agitator suspends solids & eliminates clogging
- High chromium iron impeller & agitator
- Ductile iron pump casing
- 3/4 HP motor; larger than HS2.4S
- Easy pump end disassembly

Optional accessories - See page 25-27

- Float switch
- Straight discharge
- Discharge hoses
- Quick connect fittings



High Chrome Impeller with High Chrome Agitator – Built for tough solids



Low Level Pump LSC • LSR 2/3 HP

The **LSC** low level pump removes water down to floor level, making it ideal for flat surfaces without a sump. Even small puddles can be pumped dry.

The **LSR** low level pump maintains suction down to just 0.2 inches, allowing efficient drainage in areas where minimal water must be removed.



LSC1.4S



LSR2.4S

Certified by Intertek Testing Service to UL and CSA standards for submersible construction pumps.

| Model | Motor Output (HP) | Phase | Discharge Bore (inch) | Cable Length (ft) | Dimension (inch) | | Continuous Running Water Level (inch) | Shipping Weight (lbs.) |
|---------|-------------------|--------|-----------------------|-------------------|------------------|---------|---------------------------------------|------------------------|
| | | | | | Diameter | Heights | | |
| LSC1.4S | 2/3 | Single | 3/4 | 20 | 7 11/16 | 12 7/16 | 0.04 | 29 |
| LSR2.4S | 2/3 | Single | 2 | 32 | 8 1/4 | 11 3/8 | 0.2 | 27 |

LSC1.4S • LSR2.4S

- Urethane semi-vortex impeller and wear plates for maximum durability and consistent performance
- Dual inside mechanical seal with sic faces for extended operational life
- Oil lifter ensures proper lubrication of seal faces
- V-ring seal protects mechanical seal from abrasive particles

LSC1.4S EXCLUSIVE FEATURES

- Can be primed through the discharge outlet for startup at any water level
- Internal check valve retains prime and prevents backflow when the pump stops

LSR2.4S EXCLUSIVE FEATURES

- Maintains suction down to a water level of just 0.2 inches for precision drainage

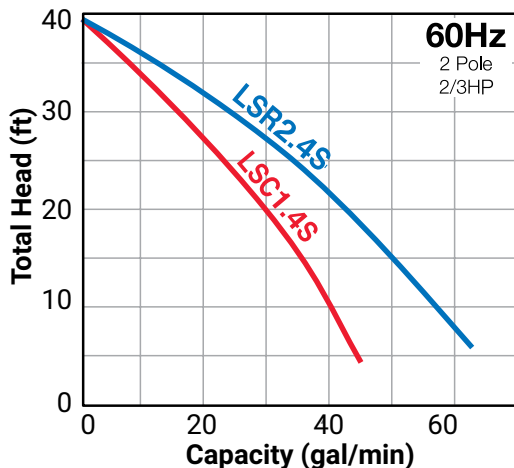
Optional accessories- See page 25-26


LSC1.4S

- SLS-LSC20 Automatic operation surface level switch
- 2" Discharge
- Discharge hoses
- Quick connect fittings

LSR2.4S

- SLS-LSR32 Automatic operation surface level switch
- Discharge hoses
- Quick connect fittings





SLS-LSC20 / SLS-LSR32

The surface level switch is used to automate LSC and LSR pumps. Set the Surface Level Switch on the floor and plug the power cord from the pump into the piggyback plug on the switch. Plug the piggy-back plug into a standard 120 VAC wall outlet (the unit will also work on GFI outlets). See page 25-26

Heavy Duty High Head Pump NK 2-3 HP

The NK Series is a powerful, single-phase pump designed for high head applications in demanding environments. Built to handle water containing abrasive materials such as sand and silt, it delivers reliable performance with minimal wear. Its rugged construction ensures long service life, making it ideal for construction, mining, and industrial drainage tasks where durability and consistent high-pressure output are essential.



NK3-15

Certified by Intertek Testing Service to UL and CSA standards for submersible construction pumps.

| Model | Motor Output (HP) | Phase | Discharge Bore (inch) | Cable Length (ft) | Dimension (inch) | | Continuous Running Water Level (inch) | Shipping Weight (lbs.) |
|---------|-------------------|--------|-----------------------|-------------------|------------------|---------|---------------------------------------|------------------------|
| | | | | | Diameter | Heights | | |
| NK3-15 | 2 | Single | 3* | 32 | 9 7/16 | 24 1/2 | 3 1/4 | 80 |
| NK4-22 | 3 | Single | 3* | 32 | 9 7/16 | 24 3/16 | 3 1/4 | 81 |
| NK4-22L | 3 | Single | 3* | 32 | 9 1/4 | 26 1/2 | 4 3/4 | 90 |

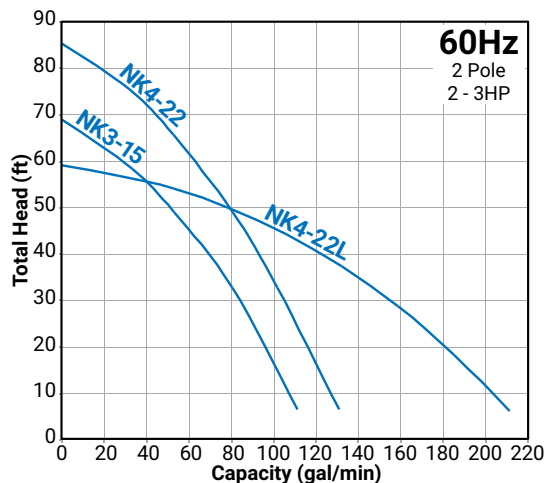
*2" optional is available

NK3-15 • NK4-22 • NK4-22L

- Terminal board for voltage reconnect allows for change from 110V to 220V (NK3-15 only)
- NK3-15 & NK4-22: ductile cast iron semi vortex impeller and synthetic rubber wear plates for maximum durability and maintaining pump performance
NK4-22L: Semi-open impeller
- Dual inside mechanical seal with SiC faces provides longer operational life
- Oil lifter provides lubrication of the seal faces
- V-ring seal design protects mechanical seal from abrasive particles

Optional accessories - See page 25-26

- TS-303 & TS-304 Float switch for automatic operation
- Sand kit
- 2" NPT coupling
- Control panel
- Discharge hoses
- Quick connect fittings



Specialty Pump Cast Iron UT • UTZ | Clean Surface Pump F-13

The **UT (manual) and UTZ (automatic) Series** are compact, economical cast iron submersible pumps for sewage and wastewater. UT is manually operated, while UTZ includes built-in level control for automatic operation.

The **F-13** is an oil-free submersible pump for clean surface water applications. It comes ready to plug in, with built-in level control and options for 1 1/4" or 3/4" NPT discharge.



UT



UTZ



F-13

Certified by Intertek Testing Service to UL and CSA standards for submersible construction pumps.

| Model | Motor Output (HP) | Phase | Discharge Bore (inch) | Cable Length (ft) | Dimension (inch) | | Continuous Running Water Level (inch) | Float Start ¹ Level | Float Stop ¹ Level | Shipping Weight (lbs.) |
|------------|-------------------|--------|-----------------------|-------------------|------------------|----------|---------------------------------------|--------------------------------|-------------------------------|------------------------|
| | | | | | Diameter | Height | | | | |
| 50UT2.4S | 1/2 | Single | 2 | 20 | 10 1/16 | 12 15/16 | 11 3/4 | N/A | | 35 |
| 50UTZ2.4S | 1/2 | Single | 2 | 20 | 13 1/2* | 15 3/4* | 15 3/4* | 15 3/4 | 5 1/2 | 35 |
| 50UT2.75S | 1 | Single | 2 | 32 | 9 1/2 | 16 | 16 | N/A | | 46 |
| 50UTZ2.75S | 1 | Single | 2 | 32 | 11 5/8* | 18* | 18* | 11 5/8 | 7 5/8 | 46 |

*Minimum Required Space

*Pump Starting Level

¹See note in the graphic below.

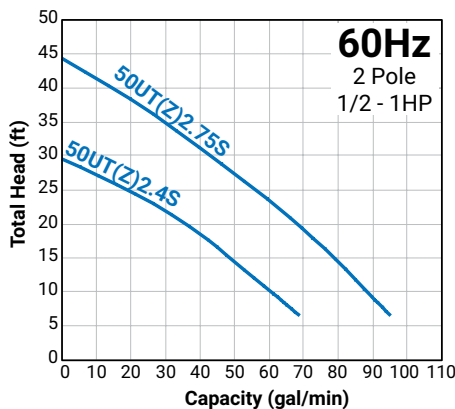
| Model | Max. Capacity (GPM) | Max. Head (ft) | Discharge Size (in) - Internal Thread | Nominal HP | RPM | Rated Current at 115V (amps) | Standard Cable Length (ft) | Shipping Weight (lbs.) |
|-------|---------------------|----------------|---------------------------------------|------------|------|------------------------------|----------------------------|------------------------|
| F-13 | 38 | 19 | 1 1/4 or 3/4 | 1/4 | 3450 | 4.2 | 20 | 11 |

UT • UTZ

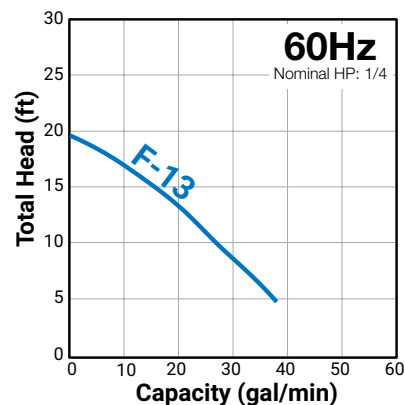
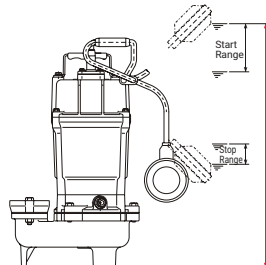
- Large Diameter Passage - UT & UTZ pumps have a large passage (1.4") that makes it ideal for liquid containing various solids
- Heat resistant silicon carbide mechanical seals assist in cooling in the event of run-dry situations
- Motor protector protects against overheat and run-dry
- Semi-vortex, PPO resin impeller passes solids and stringy material without clogging
- Available in both manual operation (UT) and automatic operation equipped with an integral float (UTZ)

F-13

- Completely oil free air filled motor protected by 3 oil seals
- Built-in thermal motor protector
- Incorporates a check valve built into the discharge
- Pump can be operated either manual or automatic
- 1-1/4" NPT discharge with garden hose adapter (3/4")
- Easy grip handle design



Float Start Range can fluctuate by 3 1/2".
Float Stop Range can fluctuate by 1 5/8".



Specialty Pump Titanium TM • TMA | Corrosion Resistant SQ

The **TM (manual) and TMA (automatic) pumps** feature titanium construction and a semi-vortex impeller for solids handling. Ideal for saltwater and chemical applications, they offer excellent corrosion resistance and durability.

The **SQ corrosion-resistant pump** features a top discharge, flow-thru design with forced motor cooling for extended low-water operation. Its slim body fits easily into an 8-inch pipe, ideal for confined spaces.



Certified by Intertek Testing Service to UL and CSA standards for submersible construction pumps.

| Model | Motor Output (HP) | Phase | Discharge Bore (inch) | Cable Length (ft) | Dimension (inch) | | Continuous Running Water Level (inch) | Float Start ¹ Level | Float Stop ¹ Level | Shipping Weight (lbs.) |
|------------|-------------------|--------|-----------------------|-------------------|------------------|---------|---------------------------------------|--------------------------------|-------------------------------|------------------------|
| | | | | | Diameter | Height | | | | |
| 50TM2.25S | 1/3 | Single | 2 | 32 | 6 3/8 | 14 3/16 | 12 3/4 | N/A | | 16 |
| 50TMA2.25S | 1/3 | Single | 2 | 32 | 6 13/16* | 14 3/4* | 23 7/8* | 23 7/8 | 4 1/2 | 15 |
| 50TM2.4S | 1/2 | Single | 2 | 32 | 6 3/8 | 14 3/16 | 12 3/4 | N/A | | 15 |
| 50TMA2.4S | 1/2 | Single | 2 | 32 | 6 13/16* | 14 3/4* | 23 7/8* | 23 7/8 | 4 1/2 | 16 |
| 50TM2.75S | 1 | Single | 2 | 32 | 9 1/2 | 16 | 13 5/8 | N/A | | 19 |
| 50TMA2.75S | 1 | Single | 2 | 32 | 11 5/8* | 18* | 24 5/8* | 24 5/8 | 7 5/8 | 20 |

*Minimum Required Space

*Pump Starting Level

¹See note in the graphic.

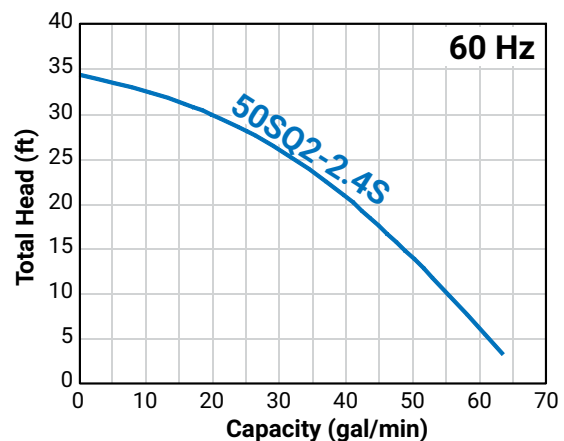
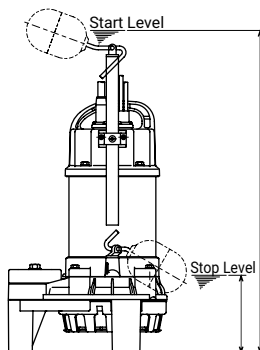
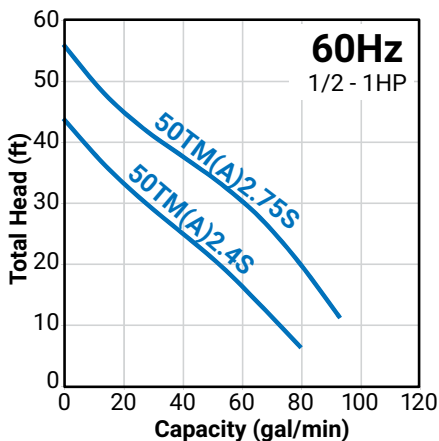
| Model | Motor Output (HP) | Phase | Discharge Bore (inch) | Cable Length (ft) | Dimension (inch) | | Continuous Running Water Level (inch) | Shipping Weight (lbs.) |
|------------|-------------------|--------|-----------------------|-------------------|------------------|---------|---------------------------------------|------------------------|
| | | | | | Diameter | Heights | | |
| 50SQ2-2.4S | 1/2 | Single | 2 | 32 | 7 1/16 | 14 7/16 | 2 3/8 | 27 |

TM / TMA

- Titanium and FRP components provide corrosion resistance in a wide variety of applications
- Ideal use for salt water, site drainage and bilge pumps
- Available in manual operation (TM) and automatic operation (TMA)

50SQ2-2.4S

- Constructed of a combination of 304 and 316 stainless steel materials, Nitrile Butadiene Rubber and special resin to stand up to rust and corrosion
- Sport a new structural design that makes them even lighter and easier to carry
- Non-toxic white mineral oil used to lubricate mechanical seals
- Motor protector protects against overheating and run-dry
- Designed to fit into an 8-inch pipe

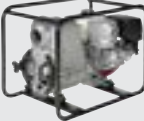


ENGINE DRIVEN PUMPS

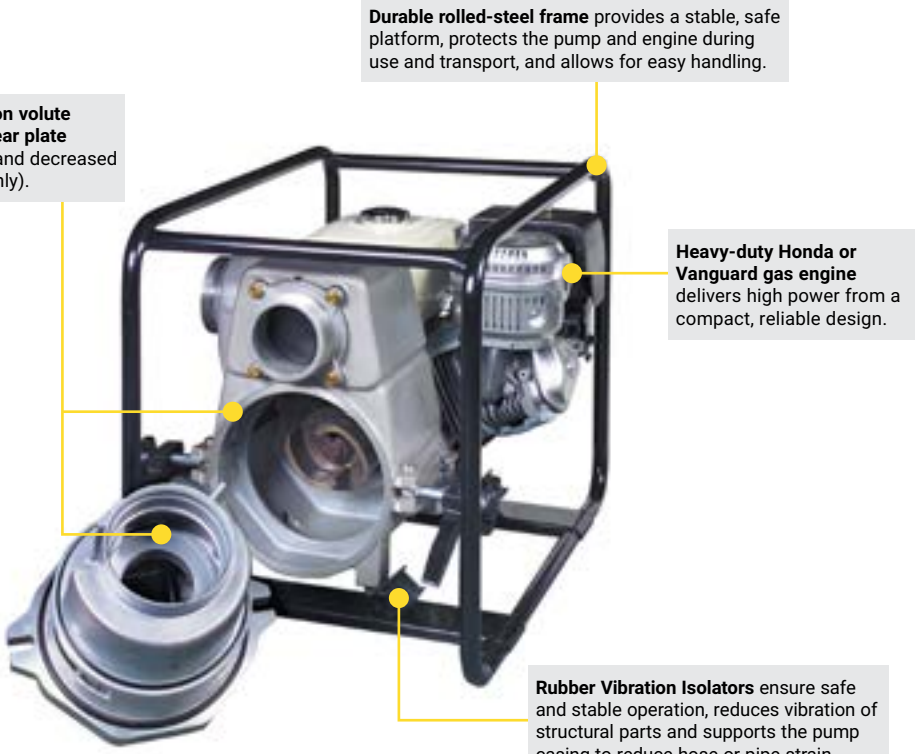
Centrifugal • Trash • Diaphragm • Trailer-Mount

Tsurumi's engine driven pumps are built tough for demanding dewatering jobs. Their compact, easy-to-handle design makes them ideal for job sites where portability and performance matter. Constructed with high-quality materials and components, these pumps deliver long-lasting durability and excellent value—making them a smart choice for cost-effective, high-performance pumping in the field.

Engine Driven Pumps: 1 - 4 inches

| | | | | | | |
|---|---|---|--|---|---|---|
| CENTRIFUGAL PUMPS |  |  |  |  |  |  |
| | TE3-50HA 2" Centrifugal Pump Powered by Honda | TE3-50V 2" Centrifugal Pump Powered by Vanguard | TE3-80HA 3" Centrifugal Pump Powered by Honda | TE3-80V 3" Centrifugal Pump Powered by Vanguard | TE2-100HA 4" Centrifugal Pump Powered by Honda | TE2-25H 1" Compact Centrifugal Pump Powered by Honda |
| TRASH PUMPS HIGH-PRESSURE GAS PUMP |  |  |  |  |  | |
| | EPT3-50HA 2" Trash Pump Powered by Honda | EPT3-80HA 3" Trash Pump Powered by Honda | EPT3-100HA 4" Trash Pump Powered by Honda | EPT3-100V 4" Trash Pump Powered by Vanguard | THP-4070HA 1" / 1.5" High Pressure Pump Powered by Honda | |

Engine Driven Pump Features



Durable rolled-steel frame provides a stable, safe platform, protects the pump and engine during use and transport, and allows for easy handling.

High chrome impeller, cast iron volute casing with stainless steel wear plate provides increased durability and decreased maintenance (Trash pumps only).

Silicon Carbide mechanical seals offer extended service life thanks to their high hardness and density, making them highly resistant to abrasion.

Oil Alert System automatically shuts the engine down if the oil level falls below the safe operating level.

Heavy-duty Honda or Vanguard gas engine delivers high power from a compact, reliable design.

Rubber Vibration Isolators ensure safe and stable operation, reduces vibration of structural parts and supports the pump casing to reduce hose or pipe strain.

Gas Engine Centrifugal Pump TE Powered by Honda • Vanguard

Tsurumi TE Series centrifugal pumps are powerful & lightweight pumps powered by heavy-duty Honda and Vanguard engines. Available in 1", 2", 3" and 4" NPT connection sizes.



TE2-25H



TE3-50HA



TE3-50V



TE3-80HA



TE3-80V



TE2-100HA

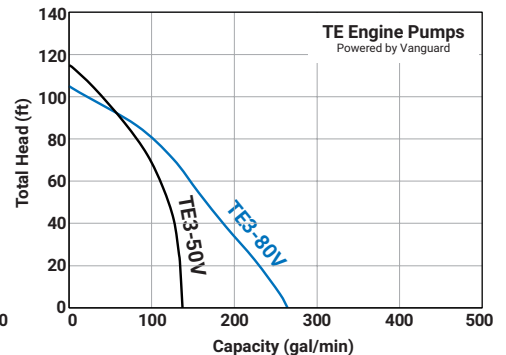
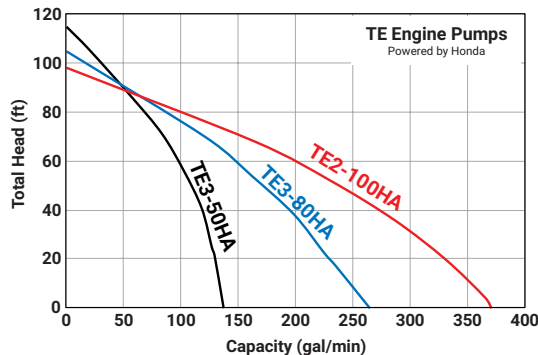
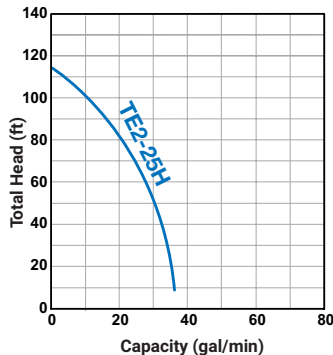
| Model | Discharge/Suction Size | Engine | Max. Output (hp/rpm) | Dimensions (inches) | | | Shipping Weight (lbs.) |
|-----------|------------------------|--------------|----------------------|---------------------|----------|----------|------------------------|
| | | | | Length | Width | Height | |
| TE2-25H | 1" Barbed Coupling | Honda GX-25 | 1.1 / 2220 | 9 | 14 | 13 | 16 |
| TE3-50HA | 2" NPT Coupling | Honda GX-120 | 4.0 / 3600 | 18 1/2 | 14 5/8 | 17 1/8 | 54 |
| TE3-50V | 2" NPT Coupling | Vanguard 160 | 5.0 / 3600 | 19 15/16 | 15 11/16 | 17 15/16 | 62 |
| TE3-80HA | 3" NPT Coupling | Honda GX-160 | 5.5 / 3600 | 20 1/2 | 16 1/2 | 18 1/8 | 64 |
| TE3-80V | 3" NPT Coupling | Vanguard 160 | 5.0 / 3600 | 19 15/16 | 15 11/16 | 17 15/16 | 64 |
| TE2-100HA | 4" NPT Coupling | Honda GX-240 | 8.0 / 3600 | 25 | 18 | 23 1/2 | 109 |

TE Series

- Heavy-duty Honda and Vanguard gas engines with oil sensor and silicon carbide mechanical seal provides longer life
- Cast iron impeller and volute casing
- Durable rolled-steel frame provides pump/engine with maximum protection, perfect ease of handling or transport, and safe operation
- Rubber mounts on the pump and the frame
- Suction strainer included (TE2-25H)

Optional accessories - See page 25 & 27

- Hose kit
- Hoses
- Hose accessories
- Wheel kit



Gas Engine Trash Pump EPT Powered by Honda • Vanguard

Tsurumi EPT Series centrifugal pumps are powerful & lightweight pumps powered by heavy-duty Honda and Vanguard engines. Available in 2", 3" and 4" NPT connection sizes.



EPT3-50HA



EPT3-80HA



EPT3-100HA



EPT3-100V

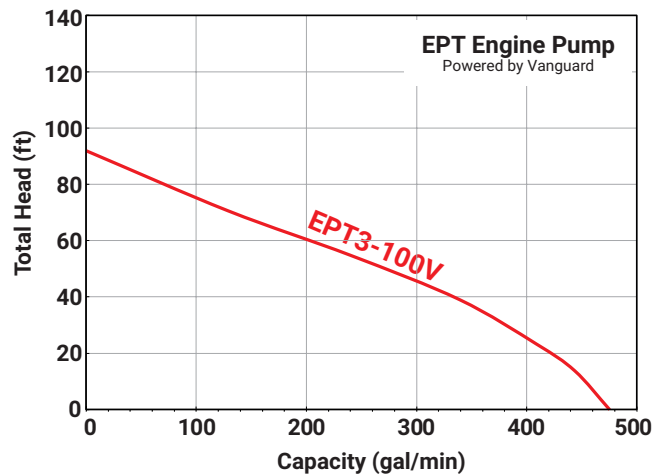
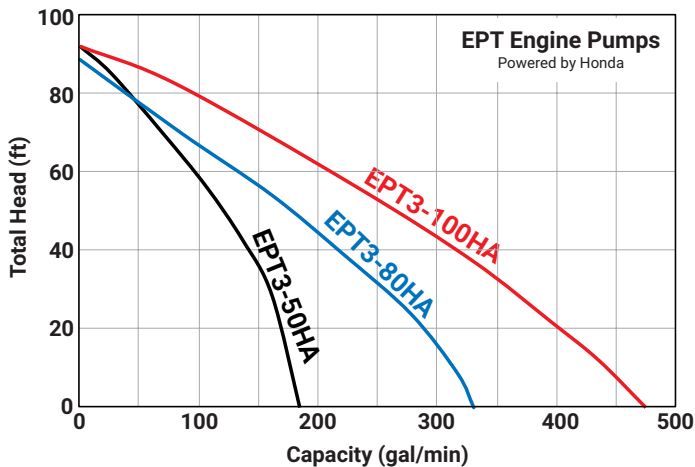
| Model | Discharge / Suction Size | Engine | Max. Output (hp/rpm) | Dimensions (inches) | | | Shipping Weight (lbs.) |
|------------|--------------------------|--------------|----------------------|---------------------|--------|--------|------------------------|
| | | | | Length | Width | Height | |
| EPT3-50HA | 2" NPT Coupling | Honda GX-160 | 5.5 / 3600 | 23 1/4 | 18 1/4 | 17 3/8 | 88 |
| EPT3-80HA | 3" NPT Coupling | Honda GX-240 | 8.0 / 3600 | 27 1/2 | 20 1/8 | 25 5/8 | 140 |
| EPT3-100HA | 4" NPT Coupling | Honda GX-340 | 11.0 / 3600 | 30 1/8 | 20 1/8 | 26 | 160 |
| EPT3-100V | 4" NPT Coupling | Vanguard 400 | 14.0 / 3600 | 28 15/16 | 20 1/4 | 22 3/8 | 160 |

EPT Series

- Heavy-duty honda and vanguard gas engines with oil sensor delivers high power from a compact, reliable design.
- Silicon carbide mechanical seal provides longer life
- High chrome impeller, cast iron volute casing plus stainless steel wear plate promise increased durability and decreased maintenance
- Pump/engine set mounted to cage frame on rubber vibration cushions to buffer stress and wear
- Durable rolled-steel frame provides pump/engine with maximum protection, perfect ease of handling or transport and safe operation
- Wheel kit for easy transportation available with all trash pumps as an optional accessory

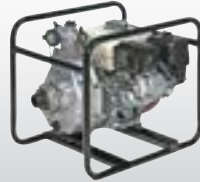
Optional accessories - See page 25 & 27

- Hose kit
- Hoses
- Hose accessories
- Wheel kit



Gas Engine High Pressure Pump THP Powered by Honda

The THP Series delivers strong water pressure and reliable flow for demanding applications like irrigation, sprinkling, and fire protection. Its compact, portable design makes it easy to use in remote or rugged locations. Powered by a trusted Honda engine, this pump offers durability, efficiency, and dependable performance over long distances and elevated terrain.



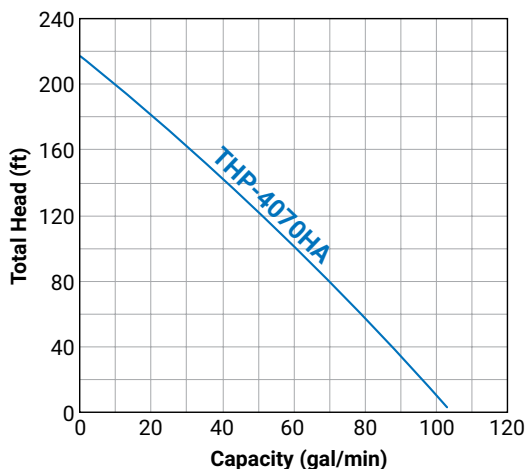
| Model | Discharge Size | Suction Size | Engine | Max. Output (hp/rpm) | Dimensions (inches) | | | Shipping Weight (lbs.) |
|------------|---|------------------------|--------------|----------------------|---------------------|-------|--------|------------------------|
| | | | | | Length | Width | Height | |
| THP-4070HA | Two 1" NPSH Couplings One 1.5" NPSH coupling | One 1.5" NPSH Coupling | Honda GX-160 | 5.5 / 3600 | 21 | 16 | 18 | 62 |

THP Series

- Heavy-duty Honda gas engine with oil sensor
- Silicon carbide mechanical seal provides longer life
- Maximum pressure of 92 PSI for high pressure applications
- Versatile 3-way discharge allows pump to run up to three discharge lines simultaneously
- Two 1" NPSH couplings and one 1.5" NPSH coupling
- High head, closed impeller and cast iron volute casing deliver high performance and long wear life

Optional accessories - See page 25 & 27

- 1" or 1.5" Lexan nozzle
- 1.5" Fire hose
- 1.5" Suction hose



Looking for Pump Accessories?

See pages 25–27 to explore Tsurumi’s full range of accessories designed to complement and enhance the performance of your engine pumps.



Diaphragm Pump TD Powered by Honda and Electric

Capable of continuous dry operation for seepage dewatering. Handles sand, mud and sludge. Both Honda GX120 engine driven (TD6 Series) and electric motor (TDE6 Series) diaphragm pumps are available.



TD (Gas)



TDE (Electric)

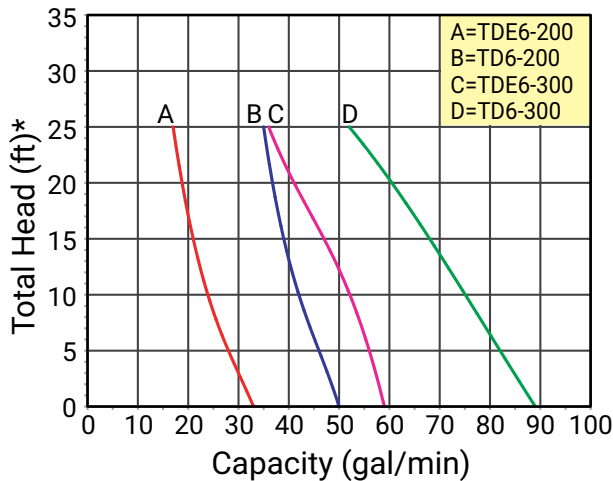
| Model | Discharge & Suction Size | Engine | Max. Output (hp/rpm) | Dimensions (inches) | | | Shipping Weight (lbs.) |
|----------|--------------------------|--------------------------------------|----------------------|---------------------|-------|--------|------------------------|
| | | | | Length | Width | Height | |
| TD6-200 | 2" NPT Coupling | Honda GX-120 | 4 / 3600 | 43 | 22 | 23 | 165 |
| TD6-300 | 3" NPT Coupling | Honda GX-120 | 4 / 3600 | 43 | 26 | 23 | 175 |
| TDE6-200 | 2" NPT Coupling | Electric 115V/230V (Dual Voltage) | 4 / 1725 | 44 | 22 | 23 | 175 |
| TDE6-300 | 3" NPT Coupling | | 4 / 1725 | 44 | 26 | 23 | 185 |

TD6 / TDE6 Diaphragm Pumps

- Sand cast aluminum construction for portability and durability
- Thermoplastic rubber diaphragm
- 2" or 3" NPT suction and discharge size
- 1-5/8" diameter solids handling capability
- Modular component design permits easy maintenance and cleanout
- Gas engine model: Honda GX120 (TD6) / Electric motor model (TDE6)
- Delivers up to 88 GPM (TD6-300) / 59 GPM (TDE6-300)
- TDE6: Normally comes wired as 115V with a 20A plug
- 90° Rotatable base on all models
- Maximum temperature 180°F

Optional accessories - See page 25 & 27

- Suction hose kit
- Discharge hose kit



(*) Convert to psi, divide by 2.31 Liquid - Water specific gravity 1.0

Trailer-Mount Trash Pump EPT5 Gas and Diesel

Industrial-duty 6-inch trash pump powered by a reliable Honda gas engine, or Kohler diesel engine. Built for high-volume dewatering, the EPT5 is designed to handle tough job site conditions with ease, offering powerful performance and easy mobility.

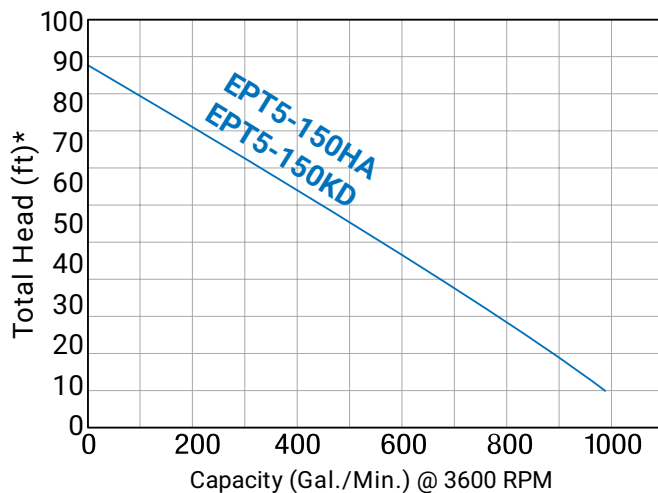


| Model | Discharge & Suction Size | Engine Type | Engine | Max. Output (hp/rpm) | Dimensions (inches) | | | Shipping Weight (lbs.) |
|------------|--------------------------|-------------------|--------------------|----------------------|---------------------|-------|--------|------------------------|
| | | | | | Length | Width | Height | |
| EPT5-150HA | 6" NPT Coupling | Unleaded Gasoline | Honda GX-670 | 24.0 / 3600 | 99 | 48 | 62 | 1125 |
| EPT5-150KD | 6" NPT Coupling | Diesel | Call for more Info | 23.4 / 3600 | 99 | 48 | 62 | 1250 |

EPT5-150HA (Honda Gas Engine)

EPT5-150KD (Diesel Engine)

- Cast aluminum casing and adapter
- Cast iron wear plate, volute and manifold
- Stainless steel impeller
- Silicon carbide mechanical seal and buna o-rings and flapper/check valve
- 6" NPT port size
- Self priming to 20ft
- Available with honda GX670 gas engine or a diesel engine (Final Tier 4)
- Solids handling to 3" diameter
- Unique slide mechanism permits complete service of pump without removing hoses or removing pump components from railer
- Includes Seal wash feature for extended seal life
- 12 VDC Electric wstart; Digital tachometer/hourmeter included
- D.O.T. Approved trailer - See your state and local codes for registration



* Convert to PSI . divide by 2.31 • Liquid-Water specific aravitv 1.0

Specifications

Single-Phase Pumps | LB /A • HS/Z • HSE • HSD

| | | LB-480 | LB-480A | LB-800 | LB-800A | LB-1500 | HS2.4S | HSZ2.4S | HS2.75S | HSZ2.75S | HS3.75S | HSZ3.75S | HS3.75SL | HSZ3.75SL | HSE2.4S | HSD2.55S | | |
|--|--|---|-----------------------------------|-----------------------------------|-----------------------------------|---|--------------------------|------------------------------------|--------------------------|------------------------------------|---------------------------|------------------------------------|---------------------------|------------------------------------|--|------------------------------|-----|-----|
| | | 2" Dewatering Pump | 2" Auto Dewatering Pump | 2" Slimline Pump | 2" Auto Slimline Pump | 3" Slimline Pump | 2" Sand/Solid Trash Pump | 2" Auto Trash Pump | 2" Sand/Solid Trash Pump | 2" Auto Trash Pump | 3" Sand/Solids Trash Pump | 3" Auto Trash Pump | 3" Sand/Solids Trash Pump | 3" Auto Trash Pump | 2" Trash Pump with Auto Water Level Sensor | 2" Extreme Durable Sand Pump | | |
| FLUID | Max. Capacity (GPM) | 63 | | | 82 | | 111 | | 53 | | 55 | | 61 | | 132 | | 53 | 58 |
| | Max. Head (ft.) | 39 | | | 59 | | 69 | | 39 | | 62 | | 62 | | 36 | | 39 | 43 |
| | Solid Diameter (in.) | 0.236 | | | | | 0.276 | | | | | 0.393 | | | | | | |
| PUMP | Impeller | Semi-Vortex | | | | Semi-Open | | Semi-Vortex | | | | | | | | | | |
| | Impeller Material | Urethane Rubber | | | | High Chrome | | Urethane Rubber | | | | | | | | High Chrome | | |
| | Casing Material | Ethylene Propylene Rubber | | Butadiene Rubber & Natural Rubber | | Butadiene Rubber & Natural Rubber & Steel | | Gray Iron Casing | | | | | | | | Ductile Iron Casing | | |
| | Wear Plate Material | Urethane Rubber | | | | Natural Rubber | | Integral Part of Casing | | | | | | | | | | |
| | Shaft Seal - Type / Material | Double Inside Mechanical Seal with Silicon Carbide faces on lower seals and Carbon Ceramic Faces on upper seals | | | | | | | | | | | | | | | | |
| | Seal Lubricant - Type | SAE 10W/20W or Turbine Oil (ISO VG32) | | | | | | | | | | | | | | | | |
| | Seal Lubricant Amount (oz.) | 5.2 | | | | 12.5 | | 5.4 | | | | | | | | | | |
| | Seal Protection | V-Ring and Oil Lifter | | | | | | | | | | | | | | | | |
| | Discharge Connection | 2" MNPT Coupling | | | | 3" MNPT Coupling (2" is optional) | | 2" MNPT Coupling | | 2" MNPT Coupling | | 3" MNPT Coupling (2" optional) | | 3" MNPT Coupling | | 2" MNPT Coupling | | |
| | MOTOR | Motor Output (HP) | 2/3 | | 1 | | 2 | | 1/2 | | 1 | | 1 | | 1 | | 1/2 | 3/4 |
| Phase | | Single Phase | | | | | | | | | | | | | | | | |
| Voltage (V) | | 115 or 230 | 115 | 115 or 230 | | | 115 or 230 | | 115 | | 115 or 230 | | | | 115 | 115 | | |
| Amperage - Rated Current | | 5.9 (115V) 3.0 (230V) | 5.9 (115V) | 10.5 (115V) 5.2 (230V) | | 26.2 (115V) 13.2 (230V) | | 5.2 (115V) 2.7 (230V) | | 10.0 (115V) | | 9.7 (115V) 4.9 (230V) | | 5.2 (115V) | | 7.3 (115V) | | |
| Amperage - Starting Current | | 12.4 (115V) 5.9 (230V) | 12.4 (115V) | 20.6 (115V) 12.6 (230V) | | 112 (115V) 56 (230V) | | 12.4 (115V) 5.9 (230V) | | 29.7 (115V) | | 29.7 (115V) 18.5 (230V) | | 12.4 (115V) | | 19.0 (115V) | | |
| Type | | Continuous Duty, Air Filled, 3600 RPM, 60Hz | | | | | | | | | | | | | | | | |
| Bearings | | Double shielded, permanently lubricated, high-temp C3 with B-10 life of 60,000 hours | | | | | | | | | | | | | | | | |
| Insulation Class | | E | | | | B | | E | | | | | | | | | | |
| Motor Protection (Built-In) | | Miniature Protector | | Circle Thermal Protector | | | Miniature Protector | | Circle Thermal Protector | | | | Miniature Protector | | Circle Thermal Protector | | | |
| Plug Configuration (NEMA) | | 5-15P (115V) No Plug (230V) | | 5-15P (115V) No Plug (230V) | | No Plug | | 5-15P (115V) No Plug(230V) | | 5-15P (115V) No Plug (230V) | | | | | | | | |
| Cable - # of Conductors x AWG | | 3C x 16AWG | | 3C x 14AWG | | 3C x 12AWG (115V) 3C x 12AWG (230V) | | 3C x 16AWG | | 3C x 14AWG | | | | 3C x 16AWG | | | | |
| Standard Cable Length (ft.) | | 32 | | 50 | | | 20 | | 32 | | | | 32 | | | | | |
| Max. Cable Length (ft.) | | 110 (115V) 420 (230V) | 110 (115V) | 100 (115V) 400 (230V) | | 70 (115V) 160 (230V) | | 125 (115V) 460 (230V) | | 100 (115V) 430 (230V) | | | | 120 (115V) 90 (115V) | | | | |
| Recommended Generator Capacity (watts) | 1230 | | 2240 | | | 7320 | | 1230 | | 3190 | | | | 1230 | | 2100 | | |
| Optional Float Switch | TS-301 | N/A | TS-302 (115V) TS-303 (230V) | N/A | TS-303 (230V operation only) | TS-301 (115V) | N/A | TS-302 | N/A | TS-302 | N/A | TS-302 | N/A | N/A | TS-301 | | | |
| DIMENSION | Diameter (in.) | 7 11/16 | 8 3/4 | 7 9/16 | 8 3/4 | 7 3/8 | 10 1/16 | 13 1/2 | 11 7/16 | 13 1/2 | 12 7/16 | 13 1/2 | 12 7/16 | 15 3/4 | 10 1/16 | 10 3/8 | | |
| | Height (in.) | 11 1/4 | 11 1/4 | 13 7/16 | 13 7/16 | 23 5/16 | 12 15/16 | 15 1/8 | 15 5/16 | 17 1/2 | 15 5/16 | 17 1/2 | 16 3/4 | 19 7/8 | 14 1/8 | 15 3/8 | | |
| | Continuous Running Water Level (C.W.L) (in.) | 2 | 4 1/2 (Pump Starting Water Level) | 2 | 6 3/4 (Pump Starting Water Level) | 3 1/8 | 3 1/2 | 15 1/8 (Pump Starting Water Level) | 3 1/2 | 17 1/2 (Pump Starting Water Level) | 3 1/2 | 17 1/2 (Pump Starting Water Level) | 4 3/4 | 19 7/8 (Pump Starting Water Level) | 6 1/2 (Pump Starting Water Level) | 4 1/8 | | |
| Shipping Weight (lbs.) | 28 | 29 | 38 | 39 | 88 | 30 | 30 | 47 | 47 | 50 | 50 | 55 | 55 | 30 | 38 | | | |

Specifications

Single-Phase Pumps | LSC • LSR • NK • UT/Z • SQ • TM/A

| | | LSR2.4S | LSC1.4S | NK3-15 | NK4-22 | NK4-22L | 50SQ2-2.4S | 50UT2.4S | 50UTZ2.4S | 50UT2.75S | 50UTZ2.75S | 50TM2.4S | 50TMA2.4S | 50TM2.75S | 50TMA2.75S | | |
|--|--|---|---------------------|--------------------------------|------------------------------|------------------------------|----------------------------------|-------------------------------|------------------------------------|--------------------------------|------------------------------------|--------------------------------|------------------------------------|-------------------------|------------------------------------|--------------------------|--|
| | | 2" Ground Level Pump | 1" Floor Level Pump | 3" Heavy Duty High Head Pump | 3" Heavy Duty High Head Pump | 3" Heavy Duty High Flow Pump | 2" Portable Stainless Steel Pump | 2" Cast Iron Submersible Pump | 2" Cast Iron Auto Submersible Pump | 2" Cast Iron Submersible Pump | 2" Cast Iron Auto Submersible Pump | 2" Manual Titanium Pump | 2" Auto Titanium Pump | 2" Manual Titanium Pump | 2" Auto Titanium Pump | | |
| FLUID | Max. Capacity (GPM) | 63 | 45 | 111 | 131 | 211 | 63 | 69 | 95 | 79 | 92 | | | | | | |
| | Max. Head (ft.) | 40 | 39 | 69 | 85 | 59 | 34 | 29.5 | 44 | 44 | 56 | | | | | | |
| | Solid Diameter (in.) | 0.236 | | 0.334 | | | 0.236 | 1.4 | | | 0.394 | | | | | | |
| PUMP | Impeller | Semi-Vortex | | | | Semi-Open | Semi-Vortex | Semi-Vortex | | | | Semi-Vortex | | | | | |
| | Impeller Material | Urethane Rubber | | Ductile Iron Casing | | High Chrome | 304 Stainless Steel | PPO Plastic | | | | PPO Plastic | | | | | |
| | Casing Material | Ethylene Propylene Rubber | | | | Cast Iron | 304 Stainless Steel | Cast Iron | | | | ABS Plastic | | | | | |
| | Wear Plate Material | Urethane Rubber | | Integral Part of Casing | | Ductile Iron Casing | 304 Stainless Steel | --- | | | | --- | | | | | |
| | Shaft Seal - Type / Material | Double Inside Mechanical Seal with Silicon Carbide faces on lower seals and Carbon Ceramic Faces on upper seals | | | | | | | | | | | | | | | |
| | Seal Lubricant - Type | SAE 10W/20W or Turbine Oil (ISO VG32) | | | | | | | | | | White Mineral Oil (ISO VG32) | | | | | |
| | Seal Lubricant Amount (oz.) | 5.1 | 5.2 | 9.1 | | | 5.4 | 5.4 | 7.8 | | 8.1 | | | | | | |
| | Seal Protection | V-Ring and Oil Lifter | | | | | | | | | | Oil Lifter | | | | | |
| | Discharge Connection | 2" MNPT Coupling | 3/4" MNPT Coupling | 3" MNPT Coupling (2" optional) | | | 2" FNPT Flange | 2" MNPT Coupling | | | | 2" FNPT Flange | | | | | |
| | MOTOR | Motor Output (HP) | 2/3 | | 2 | 3 | | 1/2 | 1/2 | 1 | 1/2 | 1 | 1/2 | | 1 | | |
| Phase | | Single Phase | | | | | | | | | | | | | | | |
| Voltage (V) | | 115 | | 110 or 220 | | 230 | 220 | 115 or 230 | | 115 | | 115 or 230 | | 115 or 230 | | | |
| Amperage - Rated Current | | 5.9 (115V) | | 23.0 (110V) 11.5 (220V) | | 11.7 | 13 | 6.5 (115V) 3.4 (230V) | | 5.7 (115V) | | 9.9 (115V) 5.2 (230V) | | 5.8 (115V) 2.9(230V) | | 9.2 (115V) 4.6 (230V) | |
| Amperage - Starting Current | | 12.4 (115V) | | 141 (110V) 70 (220V) | | 70 | 70 | 18 (115V) 9 (230V) | | 11.1 (115V) | | 30.7 (115V) 17.6 (230V) | | 18 (115V) 7.9 (230V) | | 35 (115V) 16.7 (230V) | |
| Type | | Continuous Duty, Air Filled, 3600 RPM, 60Hz | | | | | | | | | | | | | | | |
| Bearings | | Double shielded, permanently lubricated, high-temp C3 with B-10 life of 60,000 hours | | | | | | | | | | | | | | | |
| Insulation Class | | E | | B | F | B | E | E | | | | E | | | | | |
| Motor Protection (Built-In) | | Miniature Protector | | Circle Thermal Protector | | | Miniature Protector | | | Circle Thermal Protector | Miniature Protector | | Circle Thermal Protector | | | | |
| Plug Configuration (NEMA) | | 5-15P (115V) | | No Plug | | | 5-15P (115V) No Plug (230V) | 5-15P (115V) | | 5-15P (115V) No Plug (220V) | | 5-15P (115V) No Plug (230V) | | | | | |
| Cable - # of Conductors x AWG | | 3C x 16AWG | | 3C x 12AWG | 3C x 14AWG | | 3C x 16AWG | | | | 3C x 14AWG | | 3C x 16AWG | | 3C x 14AWG | | |
| Standard Cable Length (ft.) | | 32 | 20 | 32 | | | 32 | 20 | | 32 | | 32 | | | | | |
| Max. Cable Length (ft.) | | 110 (115V) | | 75 (110V) 300 (220V) | | 180 | 150 | 100 (115V) 380 (230V) | | 110 (115V) | | 100 (115V) 380 (230V) | | 45 (115V) 180 (230V) | | 48 (115V) 180 (230V) | |
| Recommended Generator Capacity (watts) | | 1230 | | 8520 | | 9060 | | 2070 | 1280 | | 3880 | | 2080 | | 4030 | | |
| Optional Float Switch | | SLS-LSR32 | SLS-LSC20 | TS-304 (115V) TS-303 (220V) | | TS-303 | | TS-301 | TS-301 | N/A | TS-302 | N/A | TS-301 | N/A | TS-302 | N/A | |
| DIMENSION | Diameter (in.) | 8 1/4 | 7 11/16 | 9 7/16 | 9 7/16 | 9 1/4 | 7 1/16 | 9 1/2 | 11 5/8 | 9 1/2 | 11 5/8 | 9 5/16 | 13 | 9 5/16 | 13 | | |
| | Height (in.) | 11 3/8 | 12 7/16 | 24 1/2 | 24 3/16 | 26 1/2 | 14 7/16 | 13 3/4 | 15 3/4 | 16 | 18 | 14 3/16 | 23 7/8 | 14 15/16 | 24 5/8 | | |
| | Continuous Running Water Level (C.W.L) (in.) | 0.2 | 0.04 | 3 1/4 | 3 1/4 | 4 3/4 | 2 3/8 | 11 3/4 | 15 3/4 (Pump Starting Water Level) | 13 3/4 | 18 (Pump Starting Water Level) | 12 3/4 | 23 7/8 (Pump Starting Water Level) | 13 5/8 | 24 5/8 (Pump Starting Water Level) | | |
| | Shipping Weight (lbs.) | 27 | 29 | 80 | 81 | 90 | 27 | 35 | 35 | 46 | 46 | 20 | 21 | 25 | 26 | | |

Specifications

Engine Pumps | TE Centrifugal Pumps • EPT Gas Pumps

| | TE2-25H | TE3-50HA | TE3-50V | TE3-80HA | TE3-80V | TE2-100HA | EPT3-50HA | EPT3-80HA | EPT3-100HA | EPT3-100V | | |
|------------------------|------------------------------------|--------------------------------------|--------------------|---|--|---|--------------------------------------|-----------------|-----------------|---|-----------------|----------|
| | 1" Dewatering Pump | 2" Dewatering Pump | 2" Dewatering Pump | 3" Dewatering Pump | 3" Dewatering Pump | 4" Dewatering Pump | 2" Trash Pump | 3" Trash Pump | 4" Trash Pump | 4" Trash Pump | | |
| FLUID | Max. Capacity (GPM) | 34 | 137 | 137 | 264 | 264 | 476 | 185 | 357 | 569 | 476 | |
| | Max. Capacity (GPH) | 2040 | 8200 | 8220 | 15840 | | 28560 | 11100 | 21420 | 34140 | 28560 | |
| | Max. Head (ft) | 115 | 105 | 92 | 105 | | 92 | | | 95 | 92 | |
| | Max. Solid Diameter (in.) | 0.197 | 0.217 | | | | | 0.787 | | 1.22 | | |
| PUMP | Impeller Type | Semi-Open | | | | | | | | | | |
| | Impeller Material | Cast Iron | | | | | High Chrome Casting | | | | | |
| | Volute Casing Material | Cast Iron | | | | | | | | | | |
| | Wear Plate Material | Integral Part of Volute | | | | | Stainless Steel | | | | | |
| | Pump Casing Material | Die Cast Aluminum | | | | | Cast Aluminum | | | | | |
| | Shaft Seal - Type / Material | Silicon Carbide Mechanical Seal | | | | | | | | | | |
| | Seal Lubricant - Type | Water | | | | | | | | | | |
| | Discharge Connection | 1" Barbed Coupling | 2" NPT Coupling | 2" NPT Coupling | 3" NPT Coupling | 3" NPT Coupling | 4" NPT Coupling | 2" NPT Coupling | 3" NPT Coupling | 4" NPT Coupling | 4" NPT Coupling | |
| Suction Connection | 1" Barbed Coupling | 2" NPT Coupling | 2" NPT Coupling | 3" NPT Coupling | 3" NPT Coupling | 4" NPT Coupling | 2" NPT Coupling | 3" NPT Coupling | 4" NPT Coupling | 4" NPT Coupling | | |
| ENGINE | Brand | Honda | | Vanguard | Honda | Vanguard | Honda | Honda | | | Vanguard | |
| | Model | GX-25 | GX-120 | 160 | GX-160 | 160 | GX-240 | GX-160 | GX-240 | GX-340 | 400 | |
| | Type | Air-Cooled, 4-Cylinder w/ Oil Sensor | | Air-Cooled, Single Cylinder w/ Oil Sensor | Air-Cooled, 4-Cylinder with Oil Sensor | Air-Cooled, Single Cylinder w/ Oil Sensor | Air-Cooled, 4-Cylinder w/ Oil Sensor | | | Air-Cooled, Single Cylinder w/ Oil Sensor | | |
| | Output (HP) | 1.1 | 4 | 5 | 5.5 | 5 | 8 | 5.5 | 8 | 11 | 14 | |
| | RPM | 2220 | | 3600 | | | | | | | | |
| | Fuel | Unleaded Gasoline | | | | | | | | | | |
| | Fuel Tank Capacity (US Gallon) | 0.15 | 0.66 | 0.82 | 0.95 | 0.82 | 1.59 | 0.95 | 1.6 | 1.7 | 1.61 | |
| | Continuous Run Time Per Tank (hr.) | 1.21 | 3 | 1.5 | 3.3 | 1.4 | 3.2 | 3.3 | 3.2 | 2.6 | 1.1 | |
| | Starting Method | Recoil Starter | | | | | | | | | | |
| | DIMENSION | Length (inches) | 9 | 18 1/2 | 19 15/16 | 20 1/2 | 19 15/16 | 25 | 23 1/4 | 27 1/2 | 30 1/8 | 28 15/16 |
| Width (inches) | | 14 | 14 5/8 | 15 11/16 | 16 1/2 | 15 11/16 | 18 | 18 1/4 | 20 1/8 | 20 1/8 | 20 1/4 | |
| Height (inches) | | 13 | 17 1/8 | 17 15/16 | 18 1/8 | 17 15/16 | 23 1/2 | 17 3/8 | 25 5/8 | 26 | 22 3/8 | |
| Shipping Weight (lbs.) | | 16 | 54 | 62 | 64 | 64 | 109 | 92 | 140 | 157 | 157 | |

Specifications Engine Pumps | THP • TD/E • EPT5-150

| | THP-4070HA High Pressure Pump | TD6-200 2" Diaphragm Pump | TD6-300 3" Diaphragm Pump | TDE6-200 2" Electric Diaphragm Pump | TDE6-300 3" Electric Diaphragm Pump | EPT5-150HA 6" Trash Pump | EPT5-150KD 6" Trash Pump | |
|------------------------------------|----------------------------------|--|------------------------------|--|--|--|---------------------------------|---|
| FLUID | Max. Capacity (GPM) | 100 | 50 | 88 | 33 | 59 | 1000 | |
| | Max. Capacity (GPH) | 6000 | 3000 | 5280 | 1980 | 3540 | 60000 | |
| | Max. Head (ft) | 213 | 25 | | | | 98 | 98 |
| | Max. Solid Diameter (in.) | 0.197 | 1 1/2 | 1 5/8 | 1 1/2 | 1 5/8 | 3 | |
| PUMP | Impeller Type | Closed | Diaphragm | | | | Semi-Open | |
| | Impeller (Diaphragm) Material | Aluminum | TPE | | | | Stainless Steel | |
| | Volute Casing Material | Cast Iron | N/A | | | | Cast Aluminum | |
| | Wear Plate Material | Integral Part of Volute | N/A | | | | Cast Iron | |
| | Pump Casing Material | Cast Aluminum | Sand Cast Aluminum | | | | Aluminum | |
| | Shaft Seal - Type / Material | Silicon Carbide Mechanical Seal | N/A | | | | Silicon Carbide / Buna | |
| | Seal Lubricant - Type | Water | N/A | | | | Water | |
| | Discharge Connection | Two x 1, One x 1.5" NPSH Coupling | 2" NPT Coupling | 3" NPT Coupling | 2" NPT Coupling | 3" NPT Coupling | 6" NPT Coupling | 6" NPT Coupling |
| | Suction Connection | 1.5" NPSH Coupling | 2" NPT Coupling | 3" NPT Coupling | 2" NPT Coupling | 3" NPT Coupling | 6" NPT Coupling | 6" NPT Coupling |
| ENGINE | Brand | Honda | | | N/A | | Honda | Call for Information |
| | Model | GX-160 | GX-120 | | N/A | | GX-670 | |
| | Type | Air-Cooled, 4-Cylinder with Oil Sensor | | | N/A | | Air-Cooled V-Twin w/ Oil Sensor | Liquid Cooled, 4-Cycle, 3 Cylinder w/ Tach, Hour Meter / Oil Sensor |
| | Output (HP) | 5.5 | 4 | | | | 24 | 23.4 |
| | RPM | 3600 | | | 1725 | | 3600 | |
| | Fuel | Unleaded Gasoline | | | Electric Motor (115V/230V, Dual Voltage) | | Unleaded Gasoline | Diesel |
| | Fuel Tank Capacity (US Gallon) | 0.95 | 0.5 | | Amperage | | 20 | |
| | | | | | 15.9 (115V) • 8 (230V) | | | |
| Continuous Run Time Per Tank (hr.) | 3.3 | 2 | 3 | N/A | | 12 | | |
| Starting Method | Recoil Starter | | | N/A | | 12V Electric Start, (Battery not included) | | |
| DIMENSION | Length (inches) | 21 | 43 | 43 | 44 | 44 | 99 | 99 |
| | Width (inches) | 16 | 20 | 26 | 20 | 26 | 48 | 48 |
| | Height (inches) | 18 | 23 | 23 | 23 | 23 | 60 | 60 |
| | Shipping Weight (lbs.) | 62 | 165 | 175 | 175 | 185 | 1125 | 1250 |

Portable Generator TPG4 Powered by Honda

Built for tough job sites and industrial use, Tsurumi's TPG4 Series generators deliver reliable, stable power where durability matters most. Ideal for powering Tsurumi single-phase submersible pumps and a wide range of tools including drills, saws, lights, and heaters.



TPG4-3400HDX



TPG4-4500HDX



TPG4-6000HDX



TPG4-7500HDX

| Model | Max Output (Watts) | Rated Output (Watts) | Max Current (120V/240V) | Rated Current (120V/240V) | Voltage | Engine Model | Max HP | Displacement (cc/in ³) | Fuel Tank Capacity (gal.) | Run Time (hours) | Starting System | Noise Level* (dB) | Length (in.) | Width (in.) | Height (in.) | Weight (lbs.) |
|---------------|--------------------|----------------------|-------------------------|---------------------------|---------|--------------|--------|------------------------------------|---------------------------|------------------|-------------------|-------------------|--------------|-------------|--------------|---------------|
| TPG4-3400HDX | 3400 | 2900 | 28.3 | 24.2 | 120 | GX200 | 6 | 196/12 | 4.2 | 9.0 | Recoil | 76 | 24.4 | 19.3 | 20.9 | 124 |
| TPG4-4500HDX | 4500 | 3600 | 37.5/18.7 | 30/15 | 120/240 | GX240 | 8 | 242/15 | 6.6 | 12.5 | Recoil | 75 | 28.0 | 23.6 | 22.0 | 169 |
| TPG4-6000HDX | 5500 | 4800 | 45.8/22.9 | 40/20 | 120/240 | GX340 | 11 | 337/21 | 6.6 | 8.5 | Recoil | 78 | 28.0 | 23.6 | 22.0 | 187 |
| TPG4-7500HDX | 7500 | 6500 | 62.5/31.3 | 54.2/27.1 | 120/240 | GX390 | 13 | 389/24 | 6.6 | 6.7 | Recoil | 80 | 28.0 | 23.6 | 22.0 | 199 |
| TPG4-7500HDXE | 7500 | 6500 | 62.5/31.3 | 54.2/27.1 | 120/240 | GX390 | 13 | 389/24 | 6.6 | 6.7 | Recoil & Electric | 80 | 28.0 | 23.6 | 22.0 | 214 |

*Noise level from 7m distance.

TPG4 Portable Generators

- High capacity fuel tank with fuel gauge for extended run time.
- Large, silent muffler with USDA qualified spark arrestor to greatly reduce noise.

Outlets

| | |
|----------------|--|
| TPG4-3400HDX | 2-NEMA 5-20R Duplex (20A, 120V, W.GFCI) |
| TPG4-4500HDX | 2-NEMA 5-20R Duplex (20A, 120V) |
| TPG4-6000HDX | 1-NEMA L5-30R (30A, 120V, Twist Lock) |
| TPG4-7500HDX/E | 1-NEMA L14-30R (30A, 120/240V, Twist Lock) |

Optional accessories - See page 25 & 27

- Wheel kit
- Lifting bail (Included with TPG4-7500HDX/E)

Large air filter for superior emission control.

Automatic idle control, operated via a switch on the control panel, helps reduce fuel consumption, noise, and engine wear.

Powered by Honda OHV engine for efficient fuel consumption with oil alert system to shut off motor if oil falls below safe operating level.

Rubber vibration pads isolate generator/engine set for maximum protection and noise reduction.



When dangerous carbon monoxide levels are detected, **the built-in CO sensor** safely shuts down the generator.

Pump Accessories Submersible Pumps • Engine Pumps • Portable Generators

Automatic Float Switch See Page 26-27 for more details



TS-Series (TS-301/302/303/304)

Piggy-back float switches allow fast & easy installation of Tsurumi submersible pumps for automated operation.

TS301/TS302: NEMA 5-15P plug; 30'
 TS303: NEMA 6-15P plug; 30'
 TS304: 5x5x2 Junction Box; 30'



SLS-LSC20 / SLS-LSR32

The surface level switch is used to automate LSC and LSR pumps (See Page 10). Set the Surface Level Switch on the floor and plug the power cord from the pump into the piggyback plug on the switch. Plug the piggyback plug into a standard 120 VAC wall outlet (the unit will also work on GFI outlets).

Hoses See Page 26-27 for more details

Hose Kit



Hose Kit with NPT



Hose Kit with Quick Connect

Discharge Hose



NPT



Quick Connect

Suction Hose



NPT



Quick Connect

Hose Accessories



Hose Nozzle



Quick Connect A



Quick Connect F

Other Hoses



Suction Hose



Fire Hose

Sand Kit

The Sand Kit can be added to the NK Series to suspend sand and prevent sand lock.



K15-SK for NK3-15



K22-SK for NK4-22



Residue Kit HS-RK

Available for the HS2.4S, the Residue Kit allows pumping of residual water down to 0.4 inches.



Wheel Kit / Lifting Bail

Tsurumi offers durable, easy-to-install accessories to enhance the mobility and handling of our engine pumps and generators.

Wheel Kit (PGWK-HX) for TPG4 Generators & TE/EPT/THP Series

Lifting Bail (1560179500) for TPG4 Generators & TE/EPT/THP Series









Pump Accessories Guide for Electric Submersible Pumps

Electric Submersible Pumps

| | Float Switch | Sand Kit | Residue Kit | 2" Straight Discharge | 3" Straight Discharge |
|--------------|---|---|---|--|---|
| MODEL |  |  |  |  |  |
| LB-480 | TS-301 | | | | |
| LB-480A | | | | | |
| LB-800 | TS-302 | | | | |
| LB-800A | | | | | |
| LB-1500 | TS-303 (220V Only) | | | 032-351-11 | |
| HS2.4S | TS-301 | | HS-RK | 032-214-11 | |
| HSZ2.4S | | | HS-RK | 032-214-11 | |
| HSE2.4S | | | HS-RK | 032-214-11 | |
| HS2.75S | TS-302 | | | | 032-160-11 |
| HSZ2.75S | | | | | 032-160-11 |
| HS3.75S | TS-302 | | | 032-158-16 | 032-160-11 |
| HSZ3.75S | | | | 032-158-16 | 032-160-11 |
| HS3.75SL | TS-302 | | | 032-158-16 | 032-160-11 |
| HSZ3.75SL | | | | 032-158-16 | 032-160-11 |
| HSD2.55S | TS-301 | | | 032-214-11 | |
| NK3-15 | TS-304 (115V) / TS-303 (220V) | K15-SK | | | |
| NK4-22 | TS-303 | K22-SK | | | |
| NK3-22L | TS-303 | | | | |
| LSR2.4S | SLS-LSR32 | | | | |
| LSC1.4S | SLS-LSC20 | | | 032-426-18 | |

Electric Submersible Pumps (continued)

| | 2" Discharge Hose NPT | 2" Discharge Hose Quick Connect | 2" Quick Disconnect 'A' | 3" Discharge Hose NPT | 3" Discharge Hose Quick Connect | 3" Quick Disconnect 'A' |
|--------------|---|---|---|--|---|---|
| MODEL |  |  |  |  |  |  |
| LB-480 | X | X | X | | | |
| LB-480A | X | X | X | | | |
| LB-800 | X | X | X | | | |
| LB-800A | X | X | X | | | |
| LB-1500* | X | X | X | X | X | X |
| HS2.4S | X | X | X | | | |
| HSZ2.4S | X | X | X | | | |
| HSE2.4S | X | X | X | | | |
| HS2.75S | X | X | X | | | |
| HSZ2.75S | X | X | X | | | |
| HS3.75S | | | | X | X | X |
| HSZ3.75S | | | | X | X | X |
| HS3.75SL | | | | X | X | X |
| HSZ3.75SL | | | | X | X | X |
| HSD2.55S | X | X | X | | | |
| NK3-15 | | | | X | X | X |
| NK4-22 | | | | X | X | X |
| NK3-22L | | | | X | X | X |
| LSR2.4S | X | X | X | | | |
| LSC1.4S | | | | | | |

* Standard discharge size is 2". 3" is optional.

Pump Accessories Guide for Engine Pumps & Portable Generators

Engine Driven Pumps: Discharge Size 1.5"

| | Wheel Kit | Lifting Bail | 1.5" Suction Hose NPT | 1.5" Fire Hose NPSH | 1" Lexan Nozzle | 1.5" Lexan Nozzle |
|--------------|-------------------------------|-------------------------------------|-----------------------|---------------------|-----------------|-------------------|
| | PGWK-HX Wheel kit ONLY | 1560179500 Lifting Bail ONLY | XHS15N20 | XHM15N50B | XHLN1N20 | XHLN15N20 |
| MODEL | | | | | | |
| THP-4070HA | X | X | X | X | X | X |

Engine Driven Pumps: Discharge Size 2", 3", and 4"

| | Strainer | Wheel Kit | Lifting Bail | 2" Hose Kit NPT | 2" Hose Kit Quick | 2" Dis. Hose NPT 50' | 2" Dis. Hose Quick 50' | 2" Suc. Hose NPT 20' | 2" Suc. Hose Quick 20' | 2" Quick Disconnect 'A' | 3" Hose Kit NPT | 3" Hose kit Quick |
|-------------------|----------|-------------------------------|-------------------------------------|-----------------|-------------------|----------------------|------------------------|----------------------|------------------------|-------------------------|-----------------|-------------------|
| | | PGWK-HX Wheel kit ONLY | 1560179500 Lifting Bail ONLY | XHK2RNPT | XHK2RQC | XXHS2D | XHD2QC50 | XXHS2S | XHS2QC20 | G200-A-AL | XHK3RNPT | XHK3RQC |
| MODEL | | | | | | | | | | | | |
| TE3-50HA / -50V | Z047 | | X | X | X | X | X | X | X | X | | |
| TE3-80HA / -80V | Z048 | X | X | | | | | | | | X | X |
| TE2-100HA | Z055 | X | X | | | | | | | | | |
| EPT3-50HA | Z049 | X | X | X | X | X | X | X | X | X | X | X |
| EPT3-80HA | Z050 | X | X | | | | | | | | | |
| EPT3-100HA /-100V | Z051 | X | X | | | | | | | | | |
| TD(E)6-200 | Included | | | X | X | X | X | X | X | X | | |
| TD(E)6-300 | Included | | | | | | | | | | X | X |

Engine Driven Pumps: Discharge Size 2", 3", and 4" (Continued)

| | 3" Dis. Hose NPT 50' | 3" Dis. Hose Quick 50' | 3" Suc. Hose NPT 20' | 3" Suc. Hose Quick 20' | 3" Quick Disconnect 'A' | 4" Hose Kit NPT | 4" Hose kit Quick | 4" Dis. Hose NPT 50' | 4" Dis. Hose Quick 50' | 4" Suc. Hose NPT 20' | 4" Suc. Hose Quick 20' | 4" Quick Disconnect 'A' |
|-------------------|----------------------|------------------------|----------------------|------------------------|-------------------------|-----------------|-------------------|----------------------|------------------------|----------------------|------------------------|-------------------------|
| | XXHS3D | XHD3QC50 | XXHS3S | XHS3QC20 | G300-A-AL | XHK4RNPT | XHK4RQC | XXHS4D | XHD4QC50 | XXHS4S | XHS4QC20 | G400-A-AL |
| MODEL | | | | | | | | | | | | |
| TE3-50HA / -50V | | | | | | | | | | | | |
| TE3-80HA / -80V | X | X | X | X | X | | | | | | | |
| TE2-100HA | | | | | | X | X | X | X | X | X | X |
| EPT3-50HA | | | | | | | | | | | | |
| EPT3-80HA | X | X | X | X | X | | | | | | | |
| EPT3-100HA /-100V | | | | | | X | X | X | X | X | X | X |
| TD(E)6-200 | | | | | | | | | | | | |
| TD(E)6-300 | X | X | X | X | X | | | | | | | |

Portable Generators

| | Wheel Kit | Lifting Bail |
|---------------|-------------------------------|--------------------------------------|
| | PGWK-HX Wheel kit ONLY | 15601795000 Lifting Bail ONLY |
| MODEL | | |
| TPG4-3400HDX | X | |
| TPG4-4500HDX | X | X |
| TPG4-6000HDX | X | X |
| TPG4-7500HDX | X | X |
| TPG4-7500HDXE | X | X |



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