



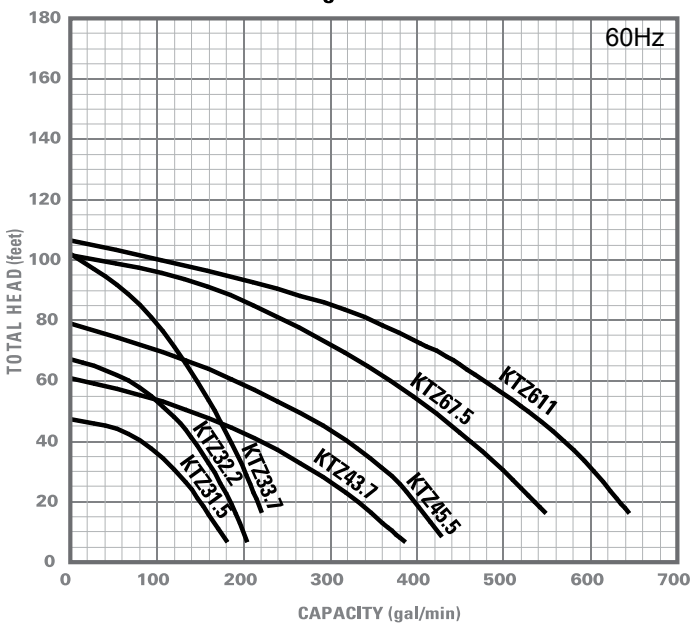
Field conversions from high volume to high head are quick and easy: simply change the impeller, suction cover, and discharge.

Material

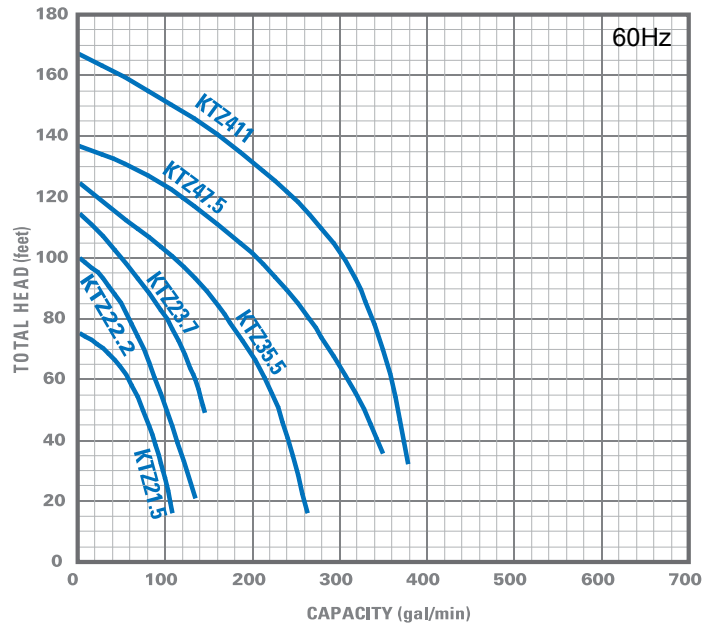
Impeller:	High Chrome Iron
Casing:	Cast Iron
Mechanical Seal:	Silicon Carbide
Motor Frame:	Cast Iron
Shaft:	420 Stainless Steel
Fasteners:	304 Stainless Steel
Cable:	PVC, Chloroprene Rubber

Performance Curves

High Volume



High Head



KTZ pumps convert quickly and easily between high head and high volume!

Features

- High Pressure Capability
- Easily converted between high pressure and high volume configurations
- High Pressure Rated Mechanical Seals
- Rugged Iron Construction
- Anti-Wicking Cable Entrance
- Dual Silicon Carbide Mechanical Seals
- Tsurumi's Patented Oil Lifter
- Internal Thermal Motor Protection



The **KTZ series** is designed to withstand the most demanding conditions, including highly abrasive liquids found in construction, aggregate and mining applications. Versatility is increased as each pump model has the capability of being easily converted between high head and high volume performance with a simple change of impeller and wear plate. All KTZ series pumps incorporate high-chrome impellers for maximum wear life! Dual mechanical seals are isolated in the oil chamber to protect the seal faces from abrasion and corrosion. Silicon carbide mechanical seals are used to provide superior motor protection.

All KTZ series pumps come standard with high pressure mechanical seals. This exceeds the competition's standard design and offers longer mechanical seal life for a more reliable pump operating the system.

Tsurumi incorporates Pressure Relief Ports on the 10HP and 15HP models, exposing the mechanical seal only to the pressure developed by the sump submergence level. This has virtually eliminated the premature wear and failure of mechanical seals in higher pressure applications.

MODEL	MOTOR SPECIFICATIONS					PUMP SPECIFICATIONS			DIMENSIONS			
	Motor Output (HP)	Voltages (V)	Pole	RPM	Insulation Class	Discharge Size (in.)	Maximum Capacity (GPM)	Maximum Head (ft.)	Dimension (in.)		Continuous Running Water Level (in.)	Pump Weight (lbs.)
									Diameter	Height		
KTZ21.5	2	208 - 230 /460 / 575	2	3400	F	2	106	75	9 1/4	21 9/16	4 3/4	66
KTZ31.5	2	208 - 230 /460 / 575	2	3400	F	2	180	47	9 1/4	21 9/16	4 3/4	66
KTZ22.2	3	208 - 230 /460 / 575	2	3410	F	2	132	100	9 1/4	22 3/8	4 3/4	75
KTZ32.2	3	208 - 230 /460 / 575	2	3410	F	2	203	67	9 1/4	22 3/8	4 3/4	75
KTZ23.7	5	208 - 230 /460 / 575	2	3410	F	3	143	115	11 1/8	25 1/16	5 7/8	139
KTZ33.7	5	208 - 230 /460 / 575	2	3410	F	3	219	102	11 1/8	25 1/16	5 7/8	139
KTZ43.7	5	208 - 230 /460 / 575	2	3410	F	4	386	61	11 1/8	25 1/16	5 7/8	139
KTZ35.5	7.5	208 - 230 /460 / 575	2	3545	F	3	260	125	12 1/16	27 1/16	5 7/8	181
KTZ45.5	7.5	208 - 230 /460 / 575	2	3545	F	4	428	79	12 1/16	27 1/16	5 7/8	181
KTZ47.5	10	208 - 230 /460 / 575	2	3545	F	4	349	137	13	28 1/8	7 1/2	236
KTZ67.5	10	208 - 230 /460 / 575	2	3545	F	4 or 6*	549	102	13	28 1/8 or 30 11/16*	7 1/2	236
KTZ411	15	208 - 230 /460 / 575	2	3520	F	4	377	167	14 11/16	31 3/4	7 1/2	293
KTZ611	15	208 - 230 /460 / 575	2	3520	F	4 or 6*	645	107	14 11/16	31 3/4 or 30 3/16*	7 1/2	300

*6inch is optional