

BUILT FOR WORK



CONTRACTOR / MINING PUMPS

**HIGH HEAD & HIGH VOLUME DEWATERING PUMP
KTZ SERIES**

Dewatering Pumps • Accessories

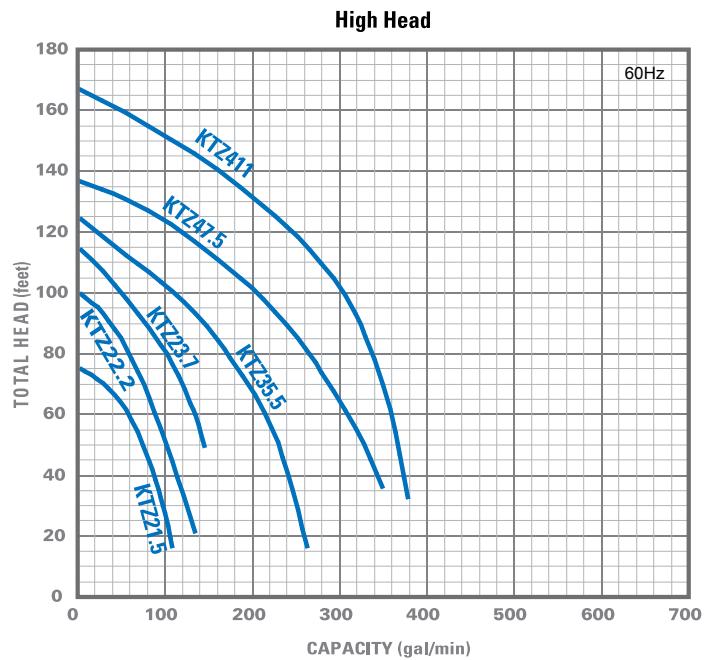
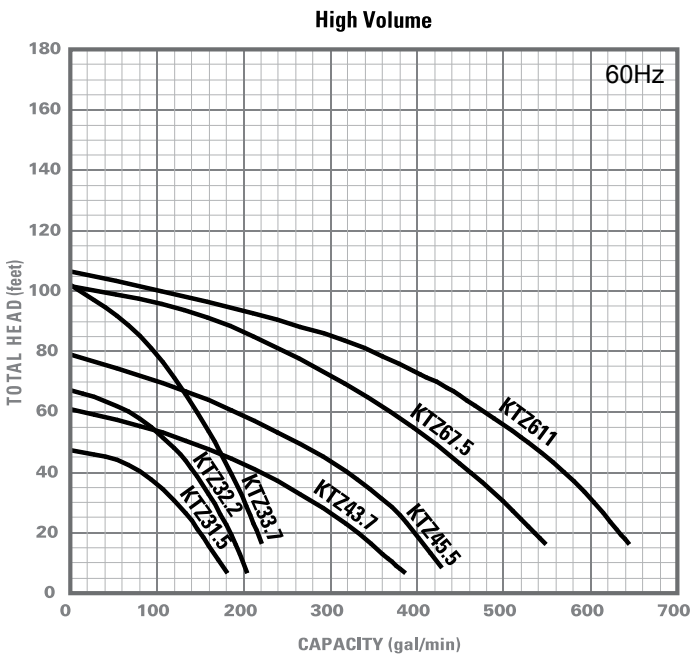


Field conversions from high volume to high head are quick and easy: simply change the impeller, suction cover, and discharge.

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



KTZ pumps convert between high head and high volume in minutes!

Features

- Higher Pumping Heads
- High Head versus High Volume Conversion Capabilities
- High Pressure Rated Mechanical Seals
- Rugged All Iron Construction
- Anti-Wicking Cable Entrance
- Dual Silicon Carbide Mechanical Seals
- Tsurumi's Exclusive Oil Lifter
- Internal Thermal Motor Protection



The **KTZ series** is designed to withstand the most demanding conditions, including the highly abrasive liquids found in the construction, aggregate and mining markets. Versatility is increased as each pump model has the capability of easily converting between high head and high volume performance with a simple change of impeller and wear plate. KTZ pumps utilize 3600RPM motors to achieve higher heads. All KTZ series pumps incorporate high-chrome impellers for maximum wear life! Isolated dual silicon carbide mechanical seals are used to provide superior motor protection.

All KTZ series pumps come standard with high pressure mechanical seals capable of operating pressures of 71 PSI to allow operation at a combined submergence and discharge pressure of 164 ft. This exceeds our competition's standard design by a wide margin and offers longer mechanical seal life for a more reliable pump operating system.

Because the highest pressures are experienced on the 10 and 15 horsepower KTZ models, Tsurumi has incorporated Pressure Relief Ports on these pumps allowing the mechanical seal to only see the pressure developed by the sump submergence level. This has virtually eliminated the premature wear and failure of mechanical seals in higher head pumping applications.

Model	PUMP SPECIFICATIONS			MOTOR SPECIFICATIONS				DIMENSIONS			
	Discharge Size (inch)	Maximum Capacity (gpm)	Maximum Head (feet)	Output (hp)	Pole (rpm)	Insulation Class	Voltages	Diameter (inch)	Height (inch)	C.W.L.* (inch)	Weight (lbs.)
KTZ 21.5	2	106	75	2	2 - 3600	F	208 / 230 / 460 / 575	9 1/4	21 9/16	4 3/4	66
KTZ 31.5	3	180	47	2	2 - 3600	F	208 / 230 / 460 / 575	9 1/4	21 9/16	4 3/4	66
KTZ 22.2	2	132	100	3	2 - 3600	F	208 / 230 / 460 / 575	9 1/4	22 3/8	4 3/4	75
KTZ 32.2	3	203	67	3	2 - 3600	F	208 / 230 / 460 / 575	9 1/4	22 3/8	4 3/4	75
KTZ 23.7	2	143	115	5	2 - 3600	F	208 / 230 / 460 / 575	11 1/8	24 5/8	5 7/8	139
KTZ 33.7	3	219	102	5	2 - 3600	F	208 / 230 / 460 / 575	11 1/8	24 5/8	5 7/8	139
KTZ 43.7	4	386	61	5	2 - 3600	F	208 / 230 / 460 / 575	11 1/8	24 5/8	5 7/8	139
KTZ 35.5	3	260	125	7.5	2 - 3600	F	208 / 230 / 460 / 575	12 1/16	25 11/16	5 7/8	181
KTZ 45.5	4	428	79	7.5	2 - 3600	F	208 / 230 / 460 / 575	12 1/16	25 11/16	5 7/8	181
KTZ 47.5	4	349	137	10	2 - 3600	F	208 / 230 / 460 / 575	13	26	7 1/2	231
KTZ 67.5	4 or 6	549	102	10	2 - 3600	F	208 / 230 / 460 / 575	13	26	7 1/2	236
KTZ 411	4	377	167	15	2 - 3600	F	208 / 230 / 460 / 575	14 11/16	31 1/4	7 1/2	293
KTZ 611	4 or 6	645	107	15	2 - 3600	F	208 / 230 / 460 / 575	14 11/16	31 1/4	7 1/2	300

The Pump Technology That The World Trusts.



Tsurumi introduced its international strategy in the 1960s. Our technical capabilities gained recognition first in Asia in the 1970s and then in the United States and Europe in the 1980s. Following the initial steps, our international division successfully penetrated many worldwide markets including: construction, civil engineering, mining, industrial, wastewater, sewage treatment, and flood control.

Today Tsurumi has expanded its base of operations and is active in 45 countries and regions. In addition to supporting a variety of work sites, our high-performance pump products are widely used in large-scale national projects where they surpass expectations. Reliable performance is our first priority.



For Sales, Service, and Specifications, call:
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