



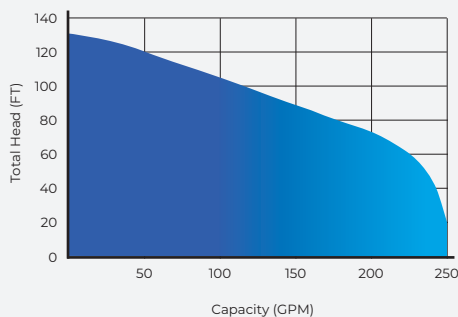
KCH(X)5

5HP Chopper Grinder Pump

The KEEN PUMP KCH(X)5 series centrifugal chopper grinder pumps easily handle residential, commercial or industrial sanitary waste, reducing it to a fine slurry. The KCH(X)5 pump is designed for use in pressure sewer applications or any piping network.

The recessed impeller design of the KCH(X)5 chopper grinder pump provides trouble free, non-overloading operation over the entire performance curve. The modular design provides quick and easy serviceability. The hardened stainless steel grinder assembly provides many years of dependable operation.

PERFORMANCE



THE KCH(X)5 SERIES PUMP FEATURES:

- Interchangeable with Competitor Installations
- Dual Silicon-Carbide Mechanical Shaft Seals w/
- Viton® Elastomers
- Pressed-In Motor with Internal Overload
- Protection
- 3-Bearing Shaft Support (Upper / Lower / Sleeve)
- Internal Moisture Detection
- Strong Motor, 1-Phase (208/230) Volt or 3-Phase
- (208/230/460) Volt



1. WATERTIGHT CABLE ENTRANCE

Agency-approved, watertight strain relief cord grip with compression grommet protects outer cord jacket (FM Explosion-Proof) or Heavy-duty molded compression grommet protects outer cord jacket. Epoxy-filled inner cord cap provides anti-wicking moisture protection to the motor even if power cable is cut or damaged.

2. MODULAR PUMP DESIGN

Commonality of parts across the Keen product line minimizes the amount of parts required for servicing. Heavy-duty ASTM A48, Class 35 cast iron components.

3. STRONG MOTOR

Powerful high-torque motor for reliable pump operation. Pressed stator securely holds motor and efficiently transfers heat. Class N insulation with overload protection in oil-filled chamber for cool operation and long motor life.

4. 3-BEARING SUPPORT

Motor / Pump shaft securely held with upper and lower ball bearing plus additional sleeve bearing in lower seal chamber. Long 100,000 hour L-10 bearing life.

5. DOUBLE MECHANICAL SEAL PROTECTION

Dual silicon carbide mechanical shaft seals w/ Viton® Elastomers provide twice the moisture and grit protection for the motor. Dual seals are housed in a secondary oil-filled seal chamber. Tougher silicon carbide seals better handle sand, grit and abrasive materials. ** Additional bronze labyrinth seal for explosion-proof model.

6. MOISTURE DETECTION

Seal leak probe signals alarm in control panel for scheduled maintenance.

7. NON-OVERLOADING HYDRAULIC DESIGN

The recessed centrifugal impeller allows 100% performance curve operation from shut-off to maximum flow without damage to the pump or system. The recessed vortex impeller is out of the passageway of fluid flow, eliminating concerns of blockage or wear.

8. ROBUST CHOPPER ASSEMBLY

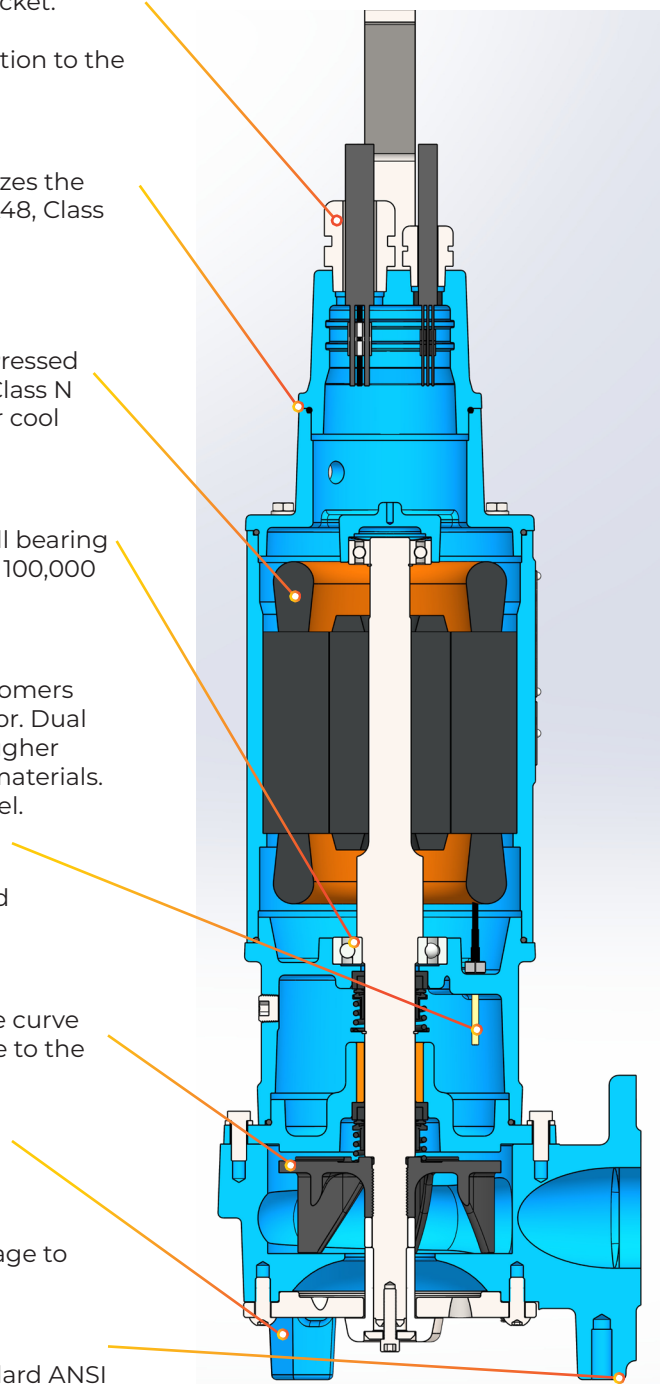
Hardened (Rockwell 56-60) stainless steel chopping assembly, designed to chop tough solids and prevent damage to downstream systems

9. VERSATILE FLANGE CONNECTION

Combination 2-1/2" and 3" horizontal flange. Industry-standard ANSI Class 125 dimensions.

10. ACCESSORIES

Stainless steel lifting handle included. Anti-Vibration mounting feet OPTIONAL.



5HP SUBMERSIBLE CHOPPER GRINDER PUMP

GENERAL		MOTOR DATA	
Pump Model	KCH(X)5	HP / Power Supply	5HP / 3 ϕ , 60 Hz
PUMP DATA		Full Load Amps 208V	35 Amps
Date	2025	Start Amps 208V	145 Amps
Discharge Flange	2-1/2 & 3" ANSI Horizontal	Full Load Amps 230V	32 Amps
Grinder Ring	11 Holes	Start Amps 230V	125 Amps
Impeller Type / Std. Dia.	Recessed/ 5.50"	Full Load Amps 460V	16 Amps
THREE PHASE		Start Amps 460V	65 Amps
		Poles / Rated Speed	2P / 3450 rpm
		Insulation Class	N

PERFORMANCE CURVE

