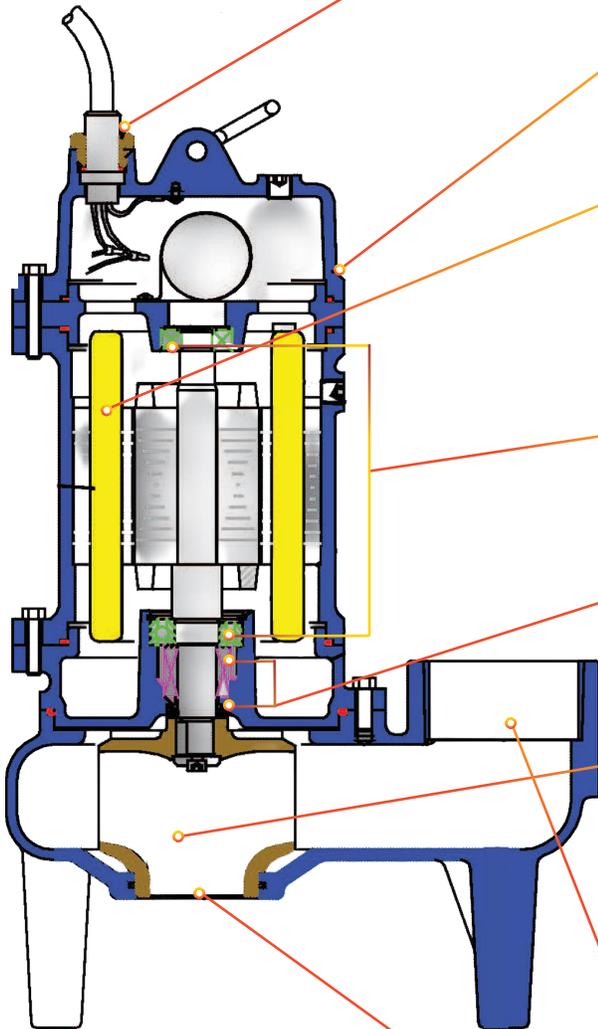




KW

1-3HP Sewage Pump

- Up to 2" Solids-Handling
- Heavy-Duty, Silicon Carbide Seals
- Stainless Steel "Keyed" Shaft
- Flows to 325 GPM / Heads to 95ft
- Up to 2" Solids-Handling
- Heads to 95 Feet
- 1 HP - 3 HP, 3450 RPM
- Single or Three Phase
- 2" or 3" NPT Discharge
- Optional Piggyback Float



WATER TIGHT CABLE ENTRANCE

- Watertight strain relief with compression grommet protects outer cord jacket. Cable wires individually stranded in epoxy in cord cap assembly provides anti-wicking moisture protection to the motor even if power cable is cut or damaged.

MODULAR PUMP DESIGN

- Commonality of parts across the Keen product line minimizes the amount of parts required for servicing. Heavy-duty ASTM A48, Class 30 cast iron components.

STRONG MOTOR

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

BEARING SUPPORT

- Motor / Pump shaft securely held with upper and lower ball bearing 50,000 hour B-10 life.

SEVERE DUTY DUAL MECHANICAL SEALS

- Dual shaft seals provide twice the moisture and grit protection for the motor. Inboard seal silicon-carbide with outboard lip seal. Tougher silicon carbide seals better handle sand, grit and abrasive materials.

HIGH EFFICIENCY HYDRAULIC DESIGN

- Highly efficient, single-vane impeller easily passes 2" dia. solids without blockage. Strong ductile iron design features backside pump-out vanes, keeping lower seal clean and pressurecompensated for longer life. Dynamically-balanced for smooth, quiet operation and long bearing life.

VERTICAL DISCHARGE CONNECTION

- 2" NPT vertical discharge. Volute included with support legs. OPTIONAL 3" NPT Reducer.

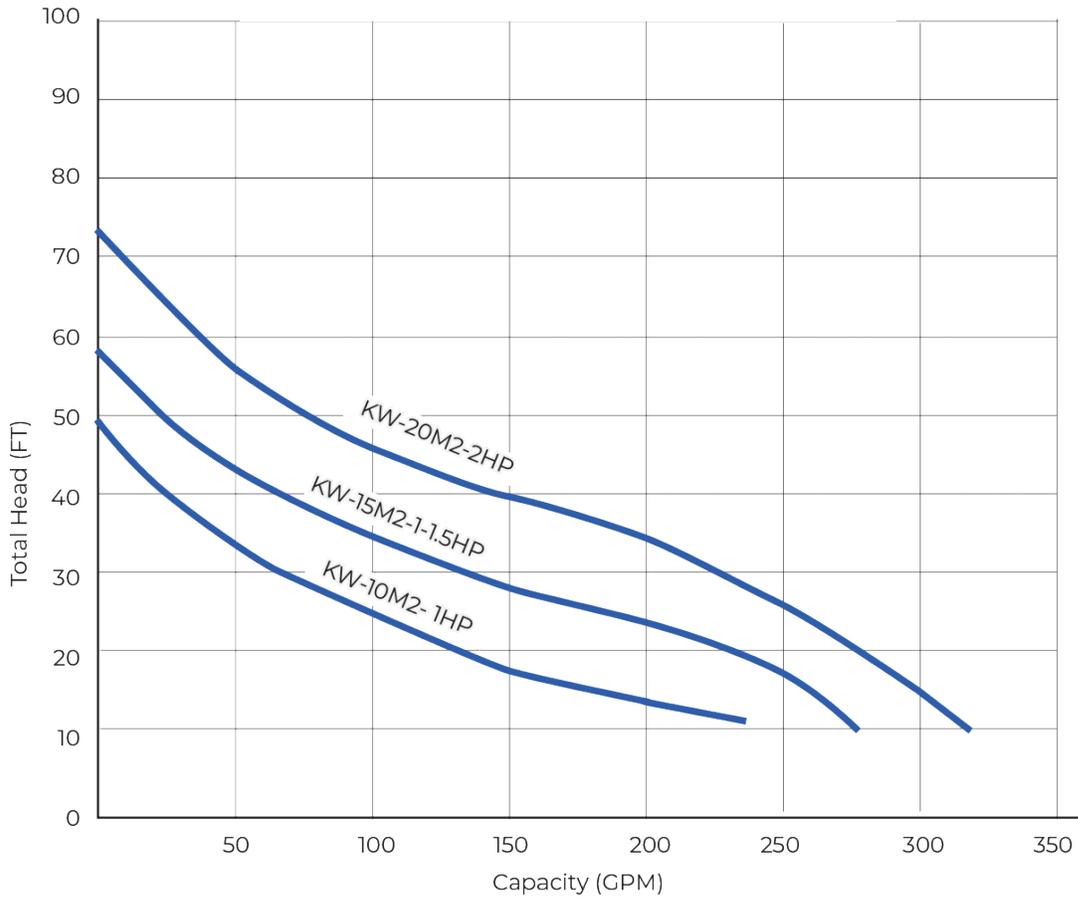
2" SOLIDS-HANDLING

- Clear, unobstructed passageway provides reliable movement of solids.



PUMP SERIES	KW - SINGLE PHASE		SINGLE VANE IMPELLER	
Speed	3450 RPM	Discharge	3"	STANDARD FLOW

PERFORMANCE

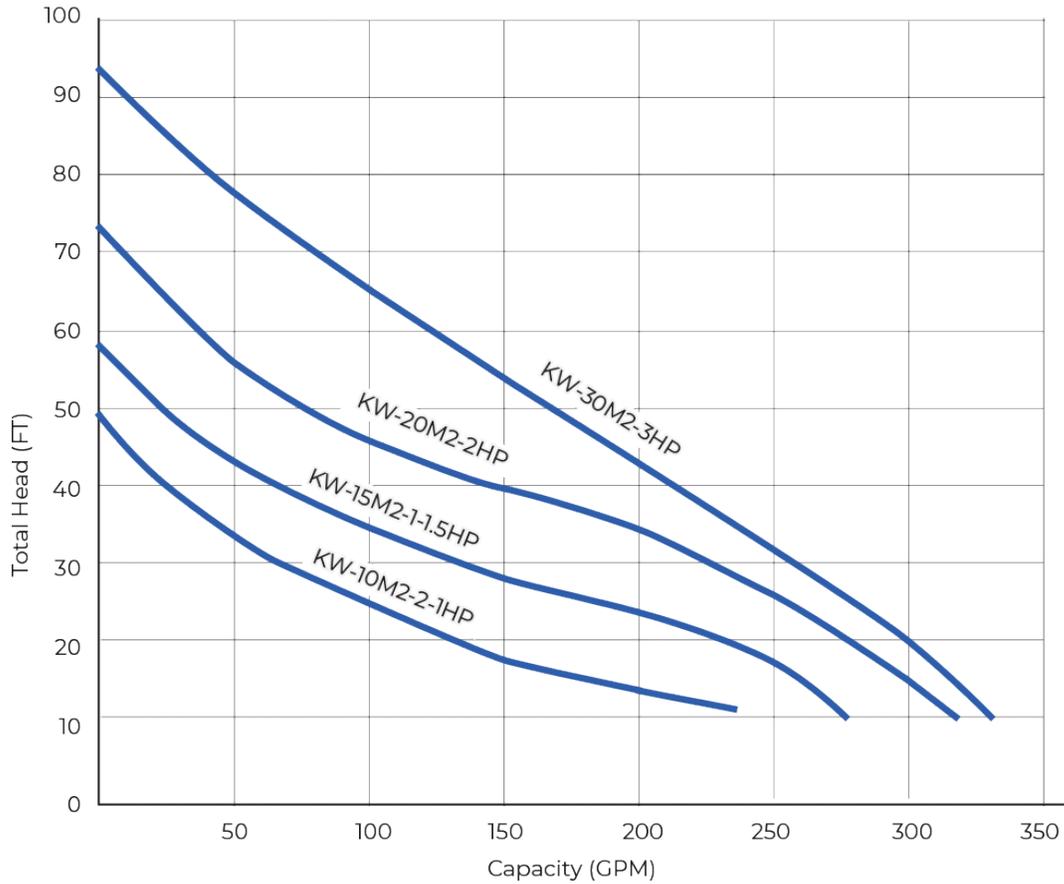


SINGLE PHASE

MODEL	HP	VOLTS	PHASE	RPM	FLA AMPS
KW-10M2-01-3	1	208/230	1	3459	13.0/11.9
KW-15M2-01-3	1-1.5	208/230	1	3450	14.0/12.8
KW-20M2-01-3	2	208/230	1	3450	14.4/13.1

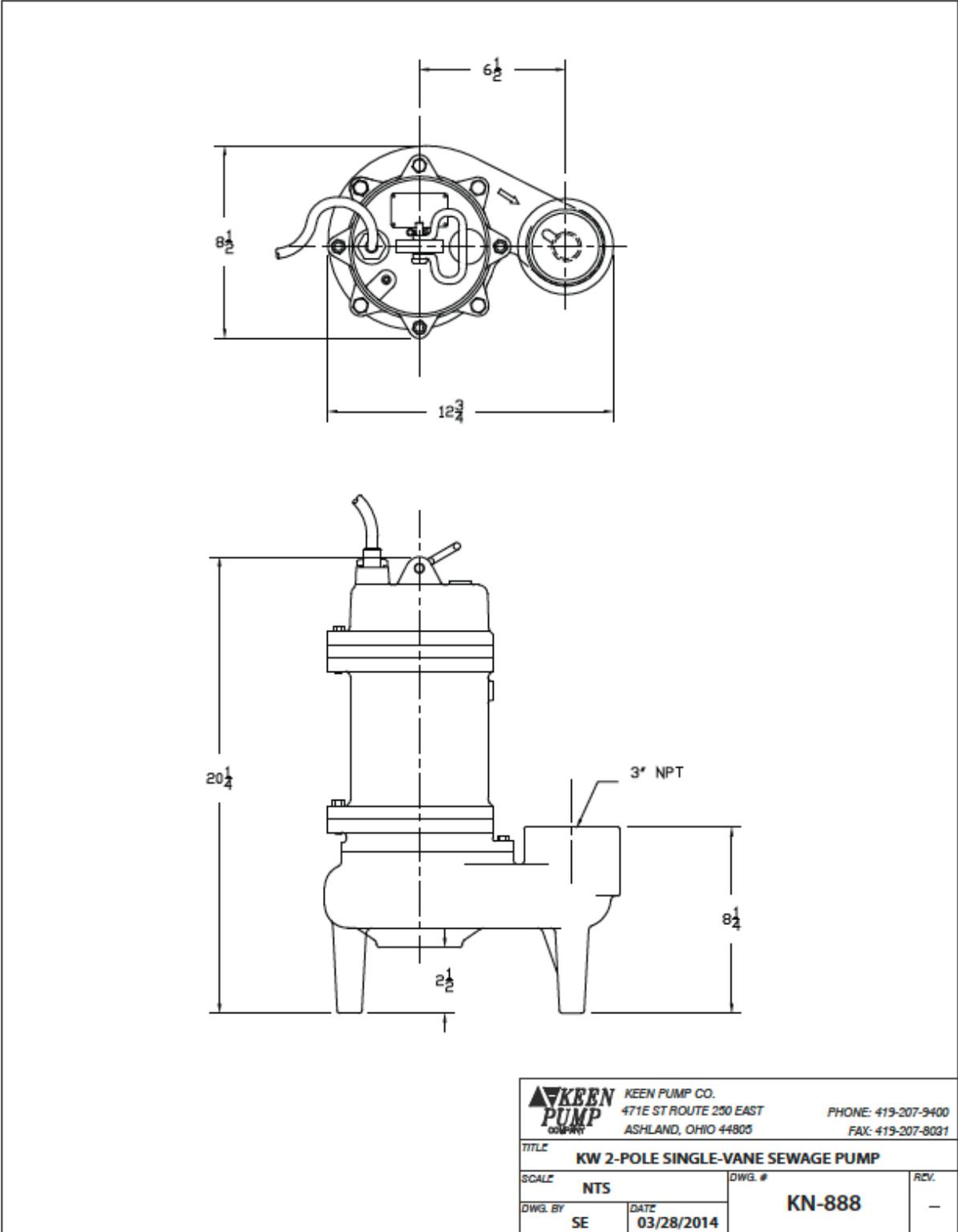
PUMP SERIES	KW - THREE PHASE		SINGLE VANE IMPELLER	
Speed	3450 RPM	Discharge	3"	STANDARD FLOW

PERFORMANCE



THREE PHASE

MODEL	HP	VOLTS	PHASE	RPM	FLA AMPS
KW-10M2-03-3	1	208/230	3	3459	7.0/6.4
KW-10M2-43-3	1	460	3	3450	3.2
KW-15M2-03-3	1-1.5	208/230	3	3450	7.7/7.0
KW-15M2-43-3	1-1.5	460	3	3450	3.5
KW-20M2-03-3	2	208/230	3	3450	8.5/7.7
KW-20M2-43-3	2	460	3	3450	3.9
KW-30M2-03-3	3	208/230	3	3450	14.4/9.0
KW-30M2-43-3	3	460	3	3450	4.5



	KEEN PUMP CO. 471E ST ROUTE 230 EAST ASHLAND, OHIO 44805		PHONE: 419-207-9400 FAX: 419-207-8031
	TITLE KW 2-POLE SINGLE-VANE SEWAGE PUMP		
SCALE	NTS		DWG. #
DWG. BY	SE	DATE	KN-888
		03/28/2014	REV. -

Discharge:	3" NPT,Vertical
Liquid temperature:	104°F (40°C) Continuous
Volute:	Cast iron ASTM A-48 class 30.
Motor housing:	Cast iron ASTM A-48 class 30.
Impeller:	Cast Iron ASTM A-48,Class 30, Close, Single Channel, Dynamically Balanced,ISO G6.3
Shaft:	420 Stainless Steel.
O-rings:	Buna-N.
Seal:	Single Mechanical, Rotating Face - Silicon Carbide, Rotating Face - Silicon Carbide, Elastomer - Buna -N
Hardware:	300 series stainless steel.
Cord entry:	30 Ft (9.1m) Cord With Pressure, Grommet for Sealing
Upper bearing:	Ball, single row, oil lubricated, for radial loads.
Lower bearing:	Ball, single row, oil lubricated, for radial and axial loads.
Motor:	Includes Overload Protection in the Motor Oil Filled, Class F (Single Phase) 3450 RPM, 60Hz, 200/230 V, Capacitor Start/ Capacitor Run, (Three Phase) 3450RPM, 60Hz, 230 / 460V
Optional Equipment:	Cord Length

