

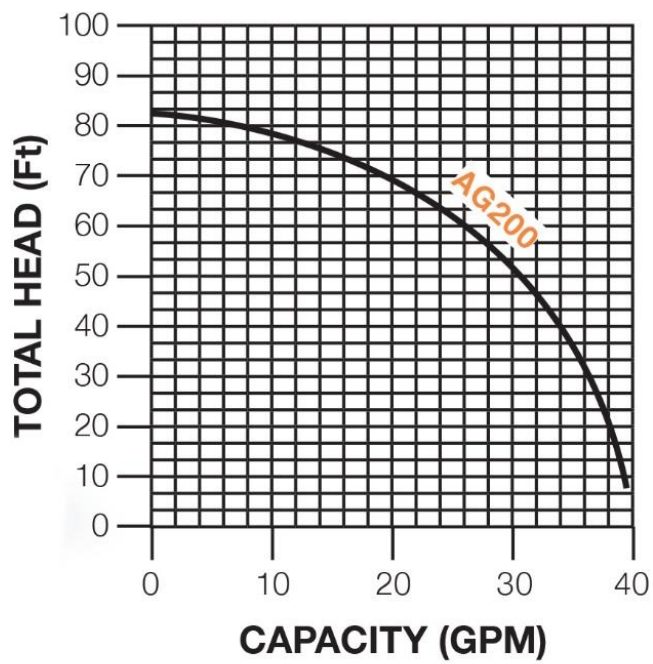
Pump Specification

Pump Series: AG Grinder Pump

Description:

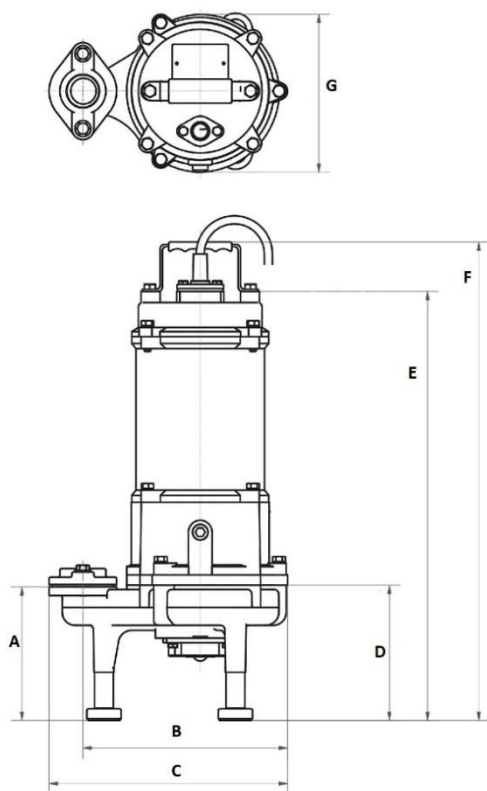
Pump Electrical Specifications												
Model#	Hz:	Voltage:	HP:	Discharge:	Speed	Shutoff	Max Flow & Head	Wt. (lbs)	LRA	FLA	Cord	Cord length
AG100/1	60	120V	1	1-1/4"	2P/3420	68'	See Max Operating conditions	60		16	UL/E231992-k) S/O	30'
AG100/2	60	220V	1	1-1/4"	2P/3420	68'		55		8.8		30'
AG100/3	60	230V	1	1-1/4"	2P/3420	68'				3.6		30'
AG200(/2)	60	220V	2	1-1/4"	2P/3500	82'		80	33	7		30'
AG200/3(/4)	60	230V	2	1-1/4"	2P/3500	82'		85				30'
AG300/3(/4)	60	230V	3	2"	2P/3500	75'		112		4.4		30'
AG500/3(/4)	60	230V	5	2"	2P/3500	104'		116		6		30'
AG750/4(/5)	60	460V	7.5	2"	2P/3500	134'		120		6.9		30'

Pump Curve & Max Operating Condition



Model #	AG100(/1/2/3)	AG200(/2/3/4)	AG300(/3/4)	AG500(/3/4)
TDH	9'	8'	7'	16'
GPM	15	38	85	84

Pump Dimensions



Unit: Inches	A	B	C	D	E	F	G
AG100/1	6.24	9.48	11.02	6.33	20.86	23.66	7.28
AG100/2							
AG100/3					18.97	21.77	7.28
AG200/3	6.18	9.48	11.02	6.25	19.80	22.08	7.28
AG300/3	6.37	10.82	12.40	6.45	19.76	22.59	7.71
AG500/3	6.37	10.82	12.40	6.45	20.55	23.38	7.71
AG750/4	6.37	10.82	12.40	6.45	22.32	25.15	7.71

Specifications

- **Specified Operation:** Model _____ to perform at ____gpm at __ tdh, ____V/_ph.
- **Overview:** AG series pumps are designed to be used in effluent applications where solids concentration is low and no larger than 1-1/4" respectively.
- **Operating:** AG pumps should always be operated on/in accordance with their hydraulic performance curves and should not be operated under overload conditions (ie: too far to the right side of the respective performance curve).
- **Construction:** Each pump volute, impeller, backing plate, and motor cap is constructed of FC200 (Class 30) cast iron and 304 stainless steel.
- **Motor:** Offered in single phase air filled with a dual seal oil filled chamber to protect the motor's electrical components from water intrusion at the liquid end of the pump. Motor is housed in an FC200 cast iron casing.
- **Shaft:** Each shaft is made of 420 stainless steel and adequately sized with a **1.3 or greater** safety factor for use under maximum pumping volumes.
- **Bearings:** Each motor shaft will rotate on one heavy-duty sealed bearing at the top and bottom of the motor shaft.
- **Seals:** Each pump motor will be protected by a dual seal design with Silicon Carbide /Silicon Carbide seal on the pump side and carbon/ceramic on the motor side.
- **Oil Chamber :** Each pump will come with an oil filled seal chamber with ISO VG. Number 32 hydraulic oil.
- **Power Cable:** Minimum 20' (6M) UL listed (E231992-K) SJO cable will be supplied. Longer cables will be adequately sized based upon UL standards.
- **Volute:** Constructed of FC200 (Class 30) cast iron
- **Impeller:** Non-clog vortex type impeller constructed of FC200 (Class 30) cast iron
- **Stand:** Ring style base constructed of FC200 (Class 30) cast iron will support the entire pump.
- **Transport:** One each 304 stainless steel handle with a contoured rubber top coating will provide an easily transportable grip.
- **Paint:** Cast iron components will be painted with an epoxy paint that meets ASTM standards.
- **Repair:** Standard repair parts will be stocked domestically for fast shipping.
- **Testing:** Each pump will be tested before being packaged for shipment.
- **Warranty:** Each pump has a 12-month warranty with additional months upon request.