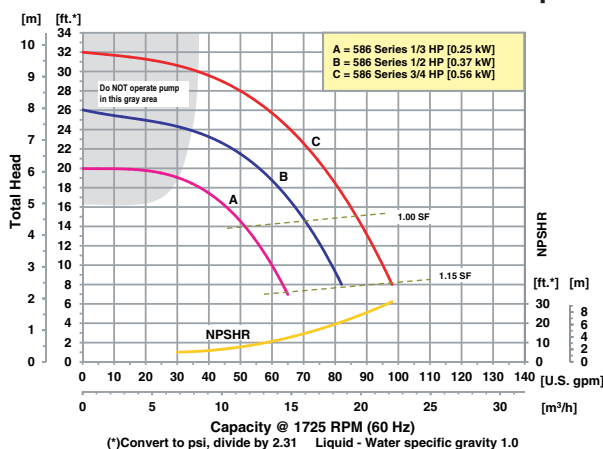


Inline 1-1/2" Circulator Pumps

- **Cast Iron or Silicon Bronze Construction with Silicon Bronze Impeller**
- **EPDM/EPR Mechanical Seal and Casing O-Ring Standard, Viton® Option Available**
- **Includes Mounting Flange Kit for 1-1/2" NPT**
- **Special Flange Designed to Accept B&G Flange or Standard 150lb 4-Bolt Flange**
- **Maximum Water Temperature 225° F (107° C)***
- **Maximum Flow 130 GPM**
- **Maximum Head 53 Ft. (23 PSI)**
- **1/8" NPT Seal Wash/Vent Port**
- **Single Phase or Three Phase TEFC 56C Motor**

5860-95
Cast Iron
Circulator
Pump

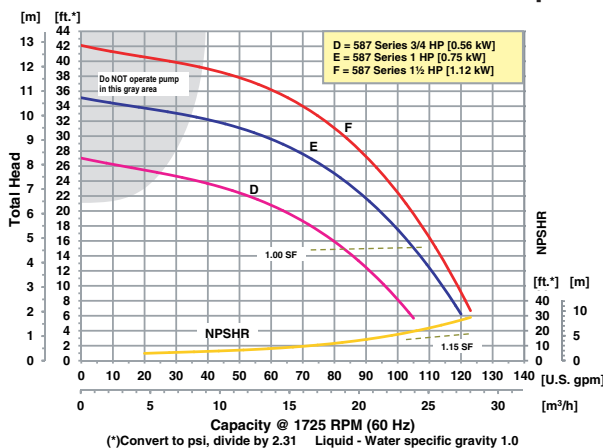
Performance of 1 1/2" Inline Circulator Pumps



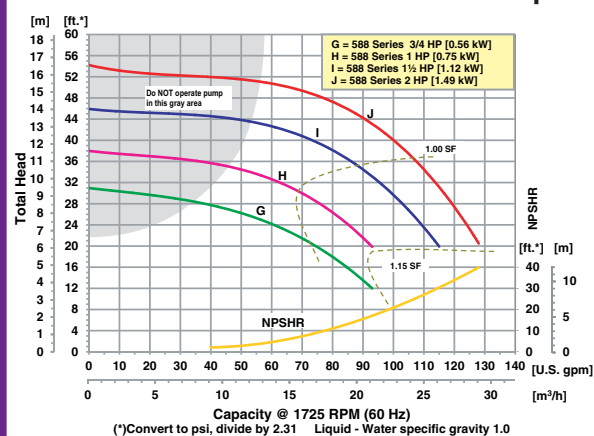
AMT Inline Circulator Pumps are designed for continuous duty industrial/commercial systems. Pumps are available in a variety of material configurations to meet your specifications. Pumps are powered by a 56C NEMA Totally Enclosed Fan Cooled (TEFC) frame electric motor with 1/2" conduit connection. Pumps are interchangeable with other manufacturers.

* Maximum temperature applies to water only.

Performance of 1 1/2" Inline Circulator Pumps



Performance of 1 1/2" Inline Circulator Pumps



Pump Dimensional & Specification Data

Model ‡	Curve	HP	PH	ENC	Voltage @ 60 Hz +	Full Load Amps	A	B	C	D	E	F	G	L**	W	H	B & G Cast Iron Equiv	B & G Bronze Equiv	‡ Ship Wt. (Lbs.)
5864	A	1/3	1	TEFC	115/230	7/4	5.4 [13.7]	6.5 [16.5]	3.1 [7.8]	1.4 [3.5]	0.5 [1.3]	4.0 [10.2]	4.0 [10.2]	19.5 [49.5]	8.0 [20.3]	11.5 [29.2]	S607S	B607S	80
5865			3		230/460	2/1											607T	B607T	77
5862	B	1/2	1	TEFC	115/230	9/5	5.4 [13.7]	6.5 [16.5]	3.1 [7.8]	1.4 [3.5]	0.5 [1.3]	4.0 [10.2]	4.0 [10.2]	19.5 [49.5]	8.0 [20.3]	11.5 [29.2]	608S	B608S	84
5863			3		230/460	3/2											608T	B608T	80
5860	C	3/4	1	TEFC	115/230	12/6	5.4 [13.7]	6.5 [16.5]	3.1 [7.8]	1.4 [3.5]	0.5 [1.3]	4.0 [10.2]	4.0 [10.2]	19.5 [49.5]	8.0 [20.3]	11.5 [29.2]	609S	B609S	90
5861			3		230/460	3/2											609T	B609T	84
5874	D	3/4	1	TEFC	115/230	12/6	5.4 [13.7]	7.0 [17.8]	3.6 [9.1]	1.0 [2.5]	0.7 [1.8]	4.6 [11.7]	4.0 [10.2]	20.0 [50.8]	8.6 [21.8]	13.5 [34.3]	621S	B621S	87
5875			3		230/460	3/2											621T	B621T	86
5872	E	1	1	TEFC	115/230	14/7	5.4 [13.7]	7.0 [17.8]	3.6 [9.1]	1.0 [2.5]	0.7 [1.8]	4.6 [11.7]	4.0 [10.2]	20.0 [50.8]	8.6 [21.8]	13.5 [34.3]	613S	B613S	92
5873			3		230/460	4/2											613T	B613T	90
5870	F	1-1/2	1	TEFC	115/230	17/9	5.4 [13.7]	7.0 [17.8]	3.6 [9.1]	1.0 [2.5]	0.7 [1.8]	4.6 [11.7]	4.0 [10.2]	20.0 [50.8]	8.6 [21.8]	13.5 [34.3]	614S	B614S	102
5871			3		230/460	5/3											614T	B614T	94
5886	G	3/4	1	TEFC	115/230	12/6	5.5 [13.9]	7.0 [17.8]	3.4 [8.6]	1.0 [2.5]	0.7 [1.8]	5.0 [12.7]	4.3 [10.9]	19.9 [50.5]	9.3 [23.6]	13.5 [34.3]	622S	B622S	89
5887			3		230/460	3/2											622T	B622T	87
5884	H	1	1	TEFC	115/230	14/7	5.5 [13.9]	7.0 [17.8]	3.4 [8.6]	1.0 [2.5]	0.7 [1.8]	5.0 [12.7]	4.3 [10.9]	19.9 [50.5]	9.3 [23.6]	13.5 [34.3]	623S	B623S	94
5885			3		230/460	4/2											623T	B623T	92
5882	I	1-1/2	1	TEFC	115/230	17/9	5.5 [13.9]	7.0 [17.8]	3.4 [8.6]	1.0 [2.5]	0.7 [1.8]	5.0 [12.7]	4.3 [10.9]	19.9 [50.5]	9.3 [23.6]	13.5 [34.3]	617S	B617S	104
5883			3		230/460	5/3											617T	B617T	96
5880	J	2	1	TEFC	115/230	22/11	5.5 [13.9]	7.0 [17.8]	3.4 [8.6]	1.0 [2.5]	0.7 [1.8]	5.0 [12.7]	4.3 [10.9]	19.9 [50.5]	9.3 [23.6]	13.5 [34.3]	618S	B618S	105
5881			3		230/460	6/3											618T	B618T	97

** This dimension may vary due to the motor manufacturer's specifications.

(+) 3-Phase models can also operate on 50 Hz. (This will change full load amps, service factor and RPM.)

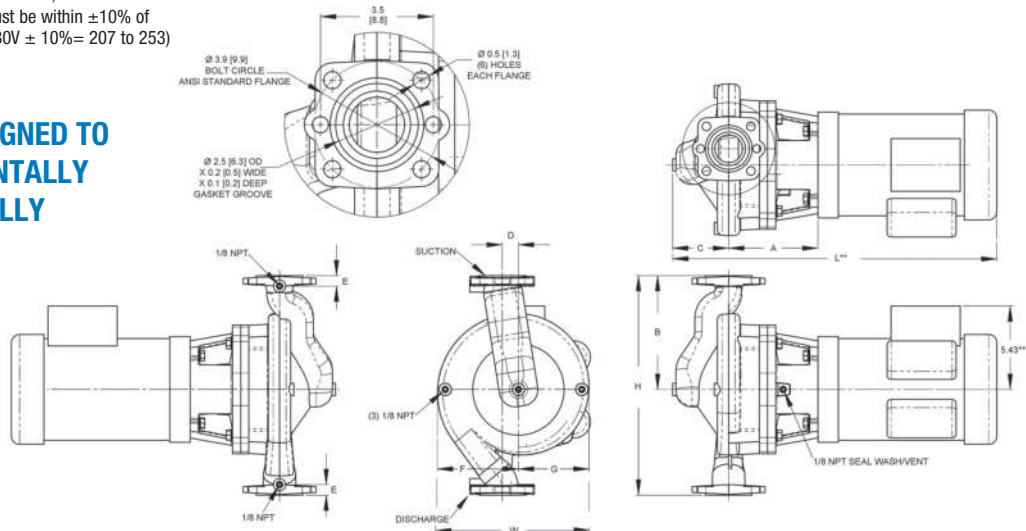
NOTE: Dimensions are in inches (centimeters) and have a tolerance of $\pm 1/8"$

NOTE: Electric supply for all motors must be within $\pm 10\%$ of nameplate voltage rating (Ex. 230V $\pm 10\%$ = 207 to 253)

XCI (-95) = Cast Iron Construction with Bronze Impeller
XB (-97) = Cast Bronze Construction with Bronze Impeller

**PUMPS ARE DESIGNED TO
MOUNT HORIZONTALLY
OR VERTICALLY**

**‡ When Ordering
Add the Correct
Suffix (-9x) Suffix
to Model Number
Indicating Material
Selection.**



Standard Features

- Includes Mounting Flange Kit for 1-1/2" NPT; Includes (2) Flanges, (2) Gaskets and Fasteners
- Special Flange Designed to Accept B&G Flange or Standard 150 Lb. 4 bolt Flanges
- 1/8" NPT Seal Wash/Vent Port
- EPDM/EPR Mechanical Seal and Casing O-Ring Standard
- Optional Viton® Mechanical Seals and O-Rings Available
- Stainless Steel (300 Series) Sleeve Protects Stub Shaft from Liquid
- Steel Shaft with Sealed Ball Bearing Design Permits Removal of Motor Without Disconnecting Pump or Loss of Liquid
- High Efficiency Closed Bronze Impeller
- Available in Either Single or Three Phase TEFC 56C Motors with Standard NEMA Mounting Dimensions
- Maximum Working Pressure 150 PSI