Heavy Duty Straight Centrifugal Pumps

- ***Available in: 300 Series Investment Cast Stainless Steel, Cast Bronze and Cast Iron with Stainless Steel Impeller Construction***
- ***2 HP to 15 HP NEMA Motors, Single and Three Phase***
- ***Type 21 Buna-N Mechanical Seal and O-Ring on Cast Iron Models***
- ***Type 21 Viton® Mechanical Seal and O-Ring on Stainless Steel and Bronze Models***
- ***Optional Silicon Carbide Seals Available***
- ***Optional Mounting Base Available***
- ***High Flow and High Head Designs***
- ***Flanged or NPT Connections***
- ***Maximum Temperature***
  Viton®: 200° F
  Buna-N: 180° F
- ***Front Drain Plugs Located 90° Apart***
- ***Maximum Head 194 Ft. (100 PSI)***
- ***Maximum Flow 500 GPM***
- ***Maximum Working Pressure 150 PSI***

AMT Heavy Duty Straight Centrifugal pumps are suited for liquid and chemical transfer, heating and cooling, recirculation, booster service and other industrial applications. Stainless Steel units are especially effective in applications where rust and/or corrosion can develop in systems. Semi-open impeller features self-cleaning ability that makes the unit useful in applications involving muddy or dirty liquids, as well as clean, clear fluids. Discharge position can be adjusted in 90° increments, with vent and drain plugs for all positions. Type 21 mechanical seal and O-ring casing seal. Pumps are close coupled to Totally Enclosed Fan Cooled motors (TEFC) **Pumps are not self-priming and require flooded suction.**

AMT Heavy Duty Straight Centrifugal pumps are reliable, cost effective and low maintenance. Many are readily available **"Off-the-Shelf"** for fast 24 hour shipment. For use with non-flammable liquids compatible with pump component materials.

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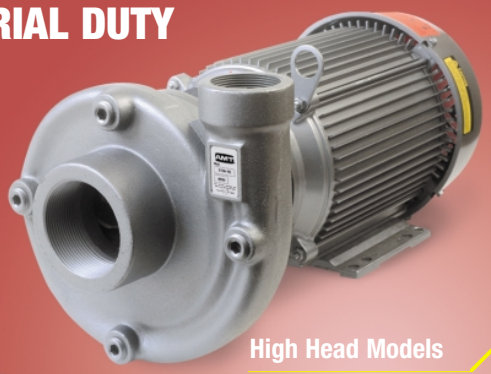
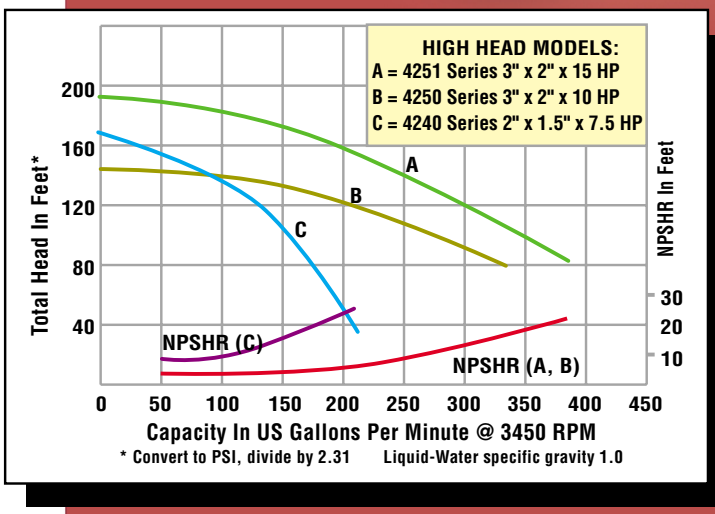
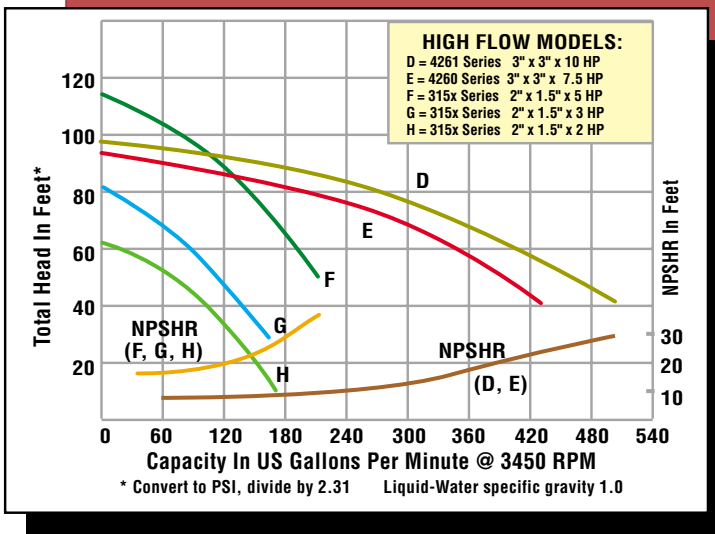
INDUSTRIAL DUTY



High Head Models

High Flow Models





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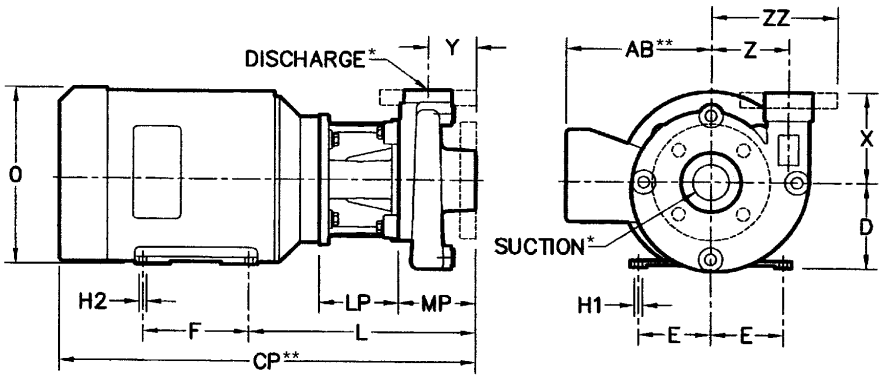
Heavy Duty Straight Centrifugal Pumps



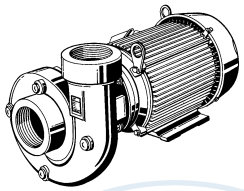
Pump Dimensional & Specification Chart

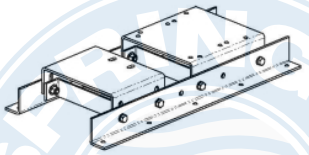
‡ Model No.	Curve	HP	PH	Frame	ENC	Voltage @ 60 Hz	Full Load Amps	Connect Type	SUC*	DIS*	AB**	CP**	D	E	F	H1	H2	L	LP	MP	O	X	Y	Z	ZZ	Ship Weight (Lbs) ‡ XB -94	‡ XCI -95	‡ XSS -98
3150	H	2	3	145JM	TEFC	230/460	6/3	NPT	2"	1-1/2"	6.1	17.6	3.5	2.8	5.0	0.3	0.3	10.4	4.1	4.0	7.1	4.8	2.5	4.0	N/A	76	78	69
3151	G	3	3	182JM	TEFC	230/460	8/4	NPT	2"	1-1/2"	7.5	21.6	4.5	3.8	4.5	0.4	0.4	12.7	4.1	4.0	9.3	4.8	2.5	4.0	N/A	90	98	83
3152	F	5	3	184JM	TEFC	230/460	17/9	NPT	2"	1-1/2"	7.5	21.6	4.5	3.8	5.5	0.4	0.4	11.8	4.1	4.0	9.3	4.8	2.5	4.0	N/A	104	108	100
3154	G	3	3	182JM	TEFC	230/460	8/4	FLG	2"	1-1/2"	7.5	21.6	4.5	3.8	4.5	0.4	0.4	12.7	4.1	4.0	9.3	4.8	2.5	4.0	6.5	N/A	106	N/A
3155	F	5	3	184JM	TEFC	230/460	17/9	FLG	2"	1-1/2"	7.5	21.6	4.5	3.8	5.5	0.4	0.4	11.8	4.1	4.0	9.3	4.8	2.5	4.0	N/A	N/A	117	N/A
3156	H	2	1	56J	TEFC	115/230	22/11	NPT	2"	1-1/2"	4.6	17.7	3.5	2.4	3.0	0.9	0.3	8.6	2.0	4.0	8.7	4.8	2.5	4.0	N/A	65	65	65
3157	H	2	3	56J	TEFC	230/460	6/3	NPT	2"	1-1/2"	4.9	16.6	3.5	2.4	3.0	0.9	0.3	8.6	2.0	4.0	7.1	4.8	2.5	4.0	N/A	64	64	64
315A	G	3	1	56J	TEFC	230	16	NPT	2"	1-1/2"	4.9	18.6	3.5	2.4	3.0	0.9	0.3	8.6	2.0	4.0	8.8	4.8	2.5	4.0	N/A	75	75	75
315B	G	3	3	56J	TEFC	230/460	8/4	NPT	2"	1-1/2"	4.9	18.1	3.5	2.4	3.0	0.9	0.3	8.6	2.0	4.0	7.1	4.8	2.5	4.0	N/A	74	74	74
315E	F	5	1	184JM	TEFC	230	16	NPT	2"	1-1/2"	8.6	24.1	4.5	3.7	5.5	0.4	0.4	11.7	4.1	4.0	9.3	4.5	2.5	4.0	N/A	128	121	121
4240	C	7.5	3	184JM	TEFC	230/460	22/11	NPT	2"	1-1/2"	7.5	21.4	4.5	3.8	5.5	0.4	0.4	11.5	3.5	4.4	9.3	5.9	2.4	3.8	N/A	105	105	108
4250	B	10	3	215JM	TEFC	230/460	26/13	NPT	3"	2"	8.3	26.0	5.3	4.3	7.0	0.4	0.4	11.7	3.5	4.5	10.9	5.0	2.8	4.8	N/A	173	173	176
4251	A	15	3	215JM	TEFC	230/460	47/24	NPT	3"	2"	8.3	26.0	5.3	4.3	7.0	0.4	0.4	12.5	3.5	4.5	10.9	5.0	2.8	4.8	N/A	190	190	195
4260	E	7.5	3	184JM	TEFC	230/460	22/11	NPT	3"	3"	7.5	22.4	4.5	3.8	5.5	0.4	0.4	12.5	4.1	4.8	9.3	6.5	2.8	4.5	N/A	N/A	122	117
4261	D	10	3	215JM	TEFC	230/460	26/13	NPT	3"	3"	8.3	26.9	5.3	4.3	7.0	0.4	0.4	12.5	4.1	4.8	10.9	6.5	2.8	4.5	N/A	N/A	180	180

(*) Standard NPT (female) pipe thread.
(**) This dimension may vary due to motor manufacturer's specifications.
(+) 3-Phase motors can also operate on 50 Hz. (This will change the Full Load Amps, Service Factor and RPM)
NOTE: Dimensions have a tolerance of ±1/8".
NOTE: Electric supply for ALL motors must be within ±10% of nameplate voltage rating(Ex. 230V ±10%= 207 to 253)
NPT= Threaded, FLG= Flanged (125 Lb)

‡ *When Ordering Add the Correct-9x Suffix to Model Number Indicating Material Selection (ex: 3150-95)*

XCI (-95)=Cast Iron Construction with Stainless Steel Impeller and Buna-N Seals, Max. Temperature 180˚F
XB (-94)=Bronze Construction with Stainless Steel Impeller, Buna N Seals, Max. Temperature 180˚F
XSS (-98)=Stainless Steel Construction with Viton® Seals, Max. Temperature 200˚F





Optional Mounting Base
Model # A200-90

Standard Features

- Stainless Steel, Naval Bronze & Cast Iron Construction
- Buna-N or Viton® Mechanical Seal and O-Rings depending on Models, Optional Silicon Carbide Available
- Stainless Steel Hardware
- NEMA TEFC Single and Three Phase Motors Depending on the Model
- Stainless Steel Motor Shaft
- Optional Mounting Base Available for 182/184/215 JM Frames (Reference Pgs 41-42)
- Self-cleaning Impeller
- Discharge Rotates in 90° Increments
- Maximum Working Pressure to 150 PSI
- Max. Temperature 200° F (Viton®), 180° F (Buna-N)
- Optional Seal Wash Port and Hose is Available on All Models
- **"Off-the-Shelf"** Availablity for Many Models
- Pedestal Version Models Available for Frame Models 145/182/184JM

OFF THE SHELF PUMPS

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See price book pages 36 & 37