GULF SOUTH SUPPLY INC.
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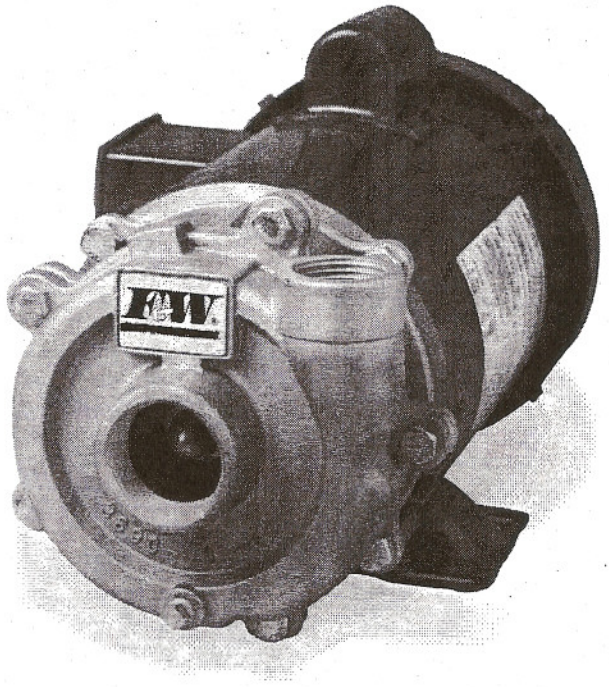
316 STAINLESS STEEL BOOSTER PUMPS
"C3" SERIES HORIZONTAL END SUCTION CENTRIFUGALS

"C3" Series Straight Centrifugal Pumps



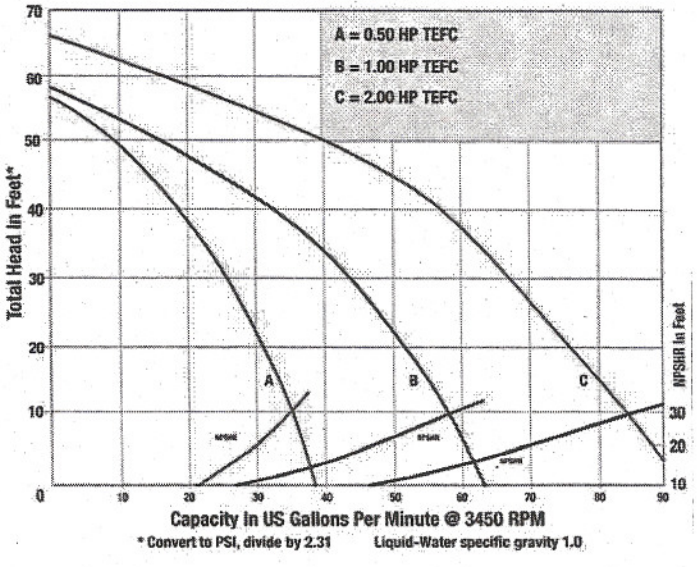
- Investment cast 316 stainless steel
- Viton® mechanical seal and o-ring
- Discharge port rotates in 90° increments
- Max. working pressure 75 PSI
- Max. temperature 200° F
- Max. flow 90 GPM
- Max. head 65 ft. (28 PSI)
- Self-cleaning, semi-open stainless steel impellers
- Totally enclosed fan cooled (TEFC) 56J motors
- 1/2 HP to 2 HP single and three phase, 3450 RPM motors

F&W straight centrifugal pumps are designed for continuous-duty low pressure OEM, industrial/ commercial and general service applications including circulation, liquid transfer and cooling.

These durable and compact pumps are available in a variety of construction and seal materials to meet your specification. The line also features a wide selection of single and three phase TEFC motors, up to 2 horsepower.

All models feature Type 6 mechanical seals and O-rings. Pull-from-the-rear design for easy service without disturbing any piping. Self-cleaning impellers to prevent clogging and minimize maintenance.

Performance Centrifugal Pumps



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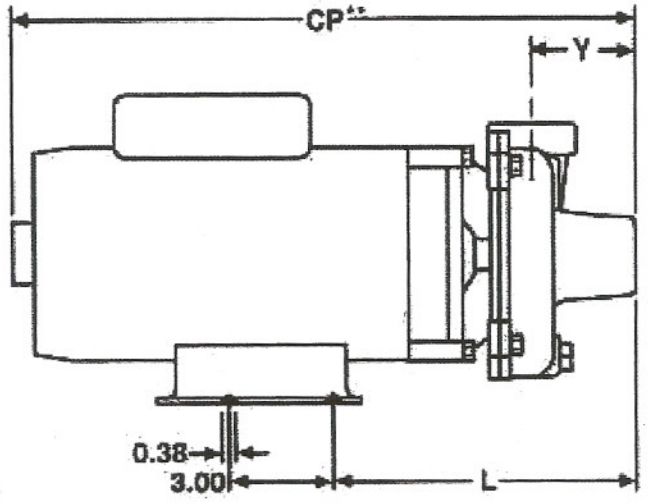
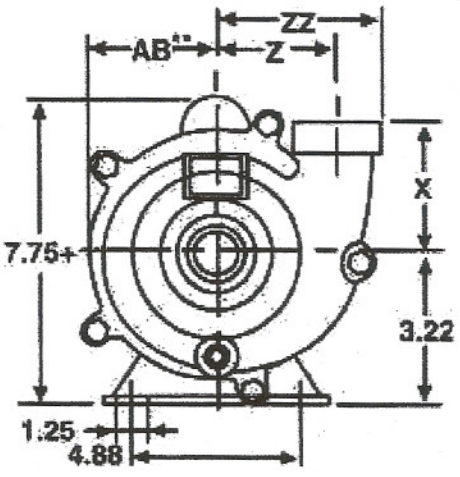
316 STAINLESS STEEL BOOSTER PUMPS
"C3" SERIES HORIZONTAL END SUCTION CENTRIFUGALS

PUMP DIMENSIONAL & SPECIFICATION CHART

Model	HP	PH	ENC	Voltage @ 60 Hz+	Full Load Amp	SUC*	DIS*	AB**	CP	L	X	Y	Z	ZZ	Ship Wt. Lbs.
C31S051T	1/2	1	TEFC	115/230	9/5	3/4"	1/2"	2.4	13.3	6.3	1.9	1.4	1.9	2.9	33
C31S053T	1/2	3	TEFC	230/460	3/2	1"	3/4"	2.4	13.1	6.3	1.9	1.4	1.9	2.9	31
C32S101T	1	1	TEFC	115/230	12/6	1"	3/4"	3.0	15.1	6.3	2.4	1.3	2.1	3.3	39
C32S103T	1	3	TEFC	230/460	4/2	1"	3/4"	3.0	14.2	6.3	2.4	1.3	2.1	3.3	36
C33S201T	2	1	TEFC	115/230	22/11	1-1/4"	1"	3.0	15.4	6.3	2.5	1.3	2.0	3.4	52
C33S203T	2	3	TEFC	230/460	6/3	1-1/4"	1"	3.0	14.3	6.3	2.5	1.3	2.0	3.4	50

(*) 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)
All 316 Stainless Steel Construction with Viton® Seals, Max. Temperature 200° F





Standard Features

- 316 Investment cast stainless steel construction
- Viton® mechanical seal
- Stainless steel hardware
- NEMA 56J TEFC single and three phase motors
- Self-cleaning stainless steel impeller
- Discharge rotates in 90° Increments
- Max. working pressure to 75 PSI
- Max. temperature 200° F Viton®

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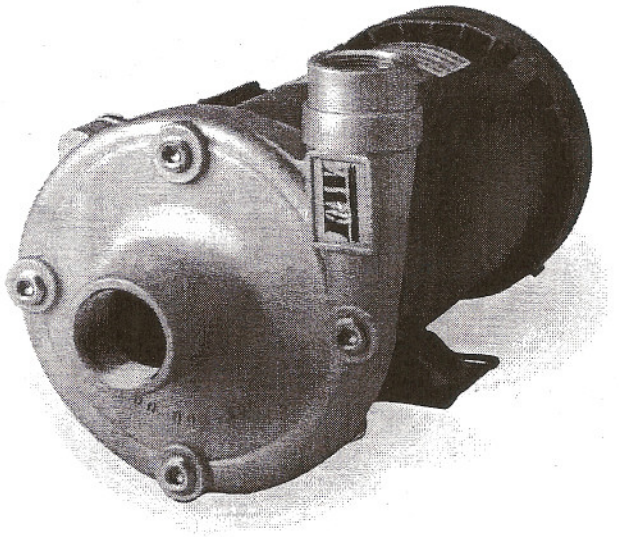
316 STAINLESS STEEL BOOSTER PUMPS
"C4" SERIES HORIZONTAL END SUCTION CENTRIFUGALS

"C4" Series High Head Straight Centrifugal Pumps

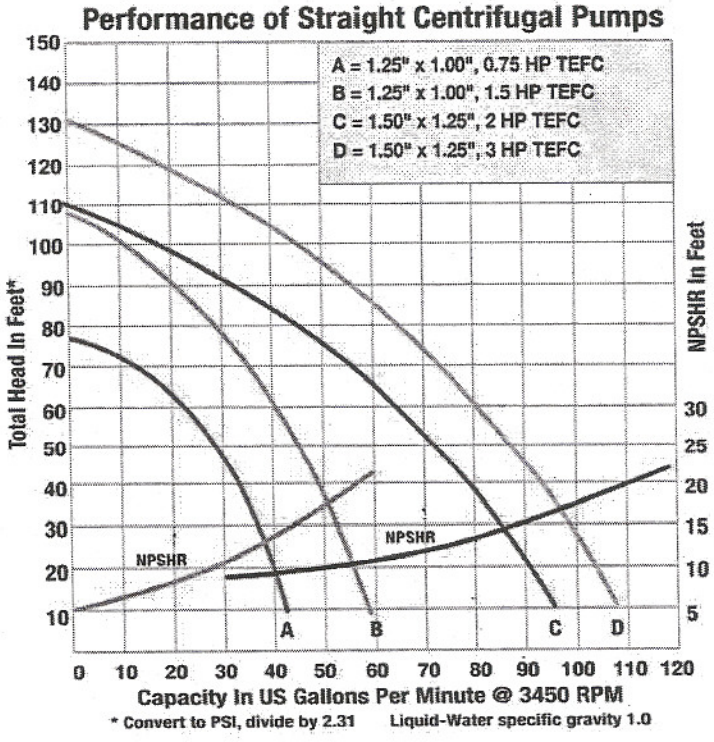


- Investment cast 316 stainless steel construction with Viton seals or cast iron construction with Buna seals
- Discharge port rotates in 90° Increments
- Four front drain plugs
- Max. working pressure 150 PSI
- Max. temperature 200° F
- Max. flow 108 GPM
- Max. head 130 Ft. (65 PSI)
- High efficiency SS closed impeller
- Totally enclosed fan cooled (TEFC) 56J motors
- 3/4 HP to 3 HP single and three phase 3450 RPM motors

F&W High Head Straight Centrifugal pumps are designed for continuous-duty OEM, Industrial/ Commercial and processing applications including circulation, liquid transfer, heating and cooling and pressure boosting.

These heavy duty high pressure pumps are available in a variety of construction and seal materials to meet your specification. The line also features a wide selection of single and three phase TEFC motors, 3/4 to 3 horsepower.

All models feature Type 21 mechanical seals and O-rings. Pull-from-the-rear design for easy servicing without disturbing any piping. High efficiency investment cast stainless steel impellers maximize performance.



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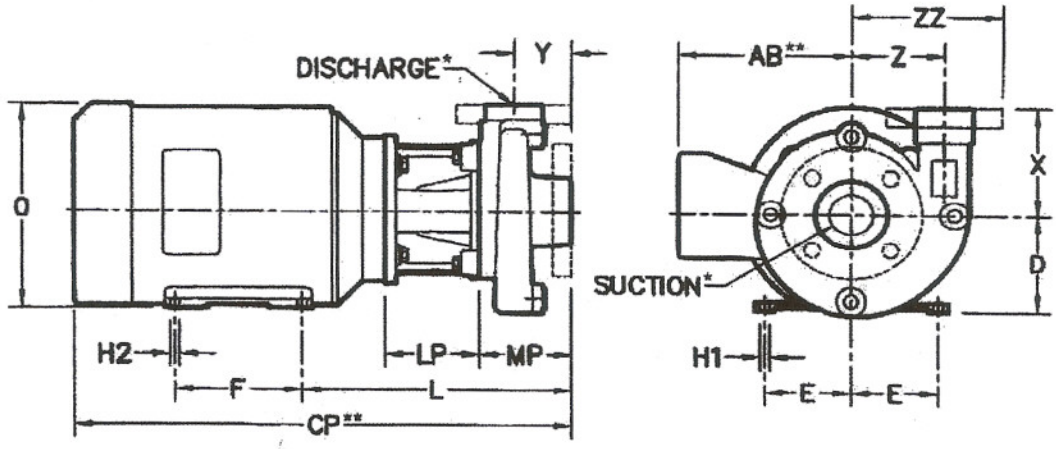
316 STAINLESS STEEL BOOSTER PUMPS
"C4" SERIES HORIZONTAL END SUCTION CENTRIFUGALS

Pump Dimensional & Specification Chart

CI No.	SS No.	HP	PH	ENC	Voltage @ 60 hZ	Full Load Amps	SUC*	DIS*	CP**	D	E	F	H1	H2	L	OP	T1	T2	W1	W2	X	Y	Z	Ship Wt. Lbs.
C43A071T	C43S071T	3/4	1	TEFC	115/230	9/5	1-1/4"	1'	16.3	3.5	2.44	3.00	0.88	0.3	7.3	8.2	3.7	4.7	3.5	4.4	4.7	2.1	3.35	46
C43A073T	C43S073T	3/4	3	TEFC	230/460	3/2	1-1/4"	1"	14.2	3.5	2.44	3.00	0.88	0.3	7.3	8.2	3.7	4.7	3.5	4.4	4.7	2.1	3.35	44
C43A151T	C43S151T	1-1/2	1	TEFC	115/230	18/9	1-1/4"	1"	16.1	3.5	2.44	3.00	0.88	0.3	7.3	8.2	3.7	4.7	3.5	4.4	4.7	2.1	3.35	55
C43A153T	C43S153T	1-1/2	3	TEFC	230/460	5/3	1-1/4"	1"	15.2	3.5	2.44	3.00	0.88	0.3	7.3	8.2	3.7	4.7	3.5	4.4	4.7	2.1	3.35	53
C44A201T	C44S201T	2	1	TEFC	115/230	22/11	1-1/2"	1-1/4"	18.0	3.5	2.44	3.00	0.88	0.3	8.8	8.4	4.0	4.9	3.9	4.7	4.9	3.0	3.49	62
C44A203T	C44S203T	2	3	TEFC	230/460	6/3	1-1/2"	1-1/4"	17.5	3.5	2.44	3.00	0.88	0.3	8.8	8.4	4.0	4.9	3.9	4.7	4.9	3.0	3.49	63
C44A301T	C44S301T	3	1	TEFC	230	16	1-1/2"	1-1/4"	17.1	3.5	2.44	3.00	0.88	0.3	8.8	8.4	4.0	4.9	3.9	4.7	4.9	3.0	3.49	71
C44A303T	C44S303T	3	3	TEFC	230/460	8/4	1-1/2"	1-1/4"	16.0	3.5	2.44	3.00	0.88	0.3	8.8	8.4	4.0	4.9	3.9	4.7	4.9	3.0	3.49	69

(*) 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)
CI = Cast Iron Construction with SS Impeller and Buna N Seals, Max. Temperature 180° F
SS = All 316 Stainless Steel Construction with Viton® Seals, Max. Temperature 200° F



Standard Features

- 316 investment cast stainless steel with Viton seal
- Cast iron construction with Buna seals
- Stainless steel hardware
- NEMA 56J TEFC single and three phase 3450 RPM motors
- NEMA base mounted motors
- High efficiency stainless steel closed impeller
- Discharge rotates in 90° increments
- Max. working pressure to 150 PSI
- Max. temperature 200° F (Viton®, 180° F (Buna N)

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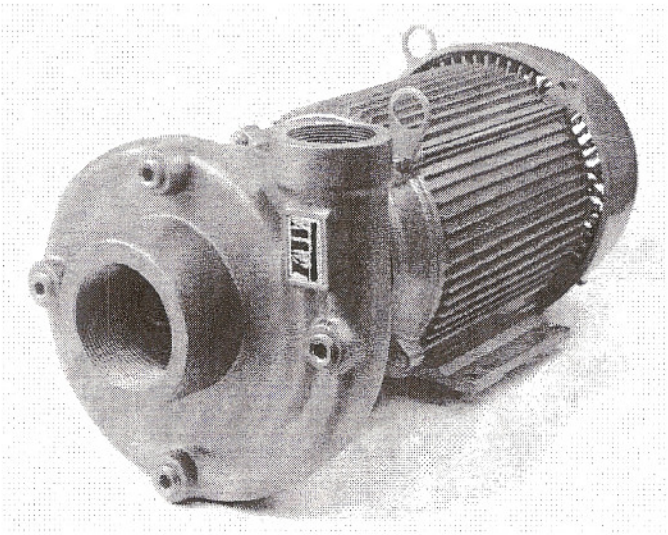
316 STAINLESS STEEL BOOSTER PUMPS
"C5" SERIES HORIZONTAL END SUCTION CENTRIFUGALS

"C5" Series Heavy Duty Straight Centrifugal Pumps



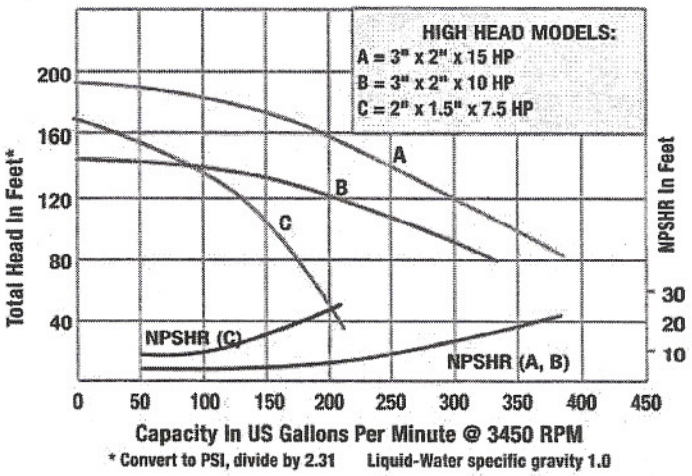
- Investment cast 316 stainless steel construction with Viton seals or cast iron construction with Buna seals
- 3 HP to 15 HP NEMA JM motors, three phase TEFC
- High flow and high head designs
- Max. temperature

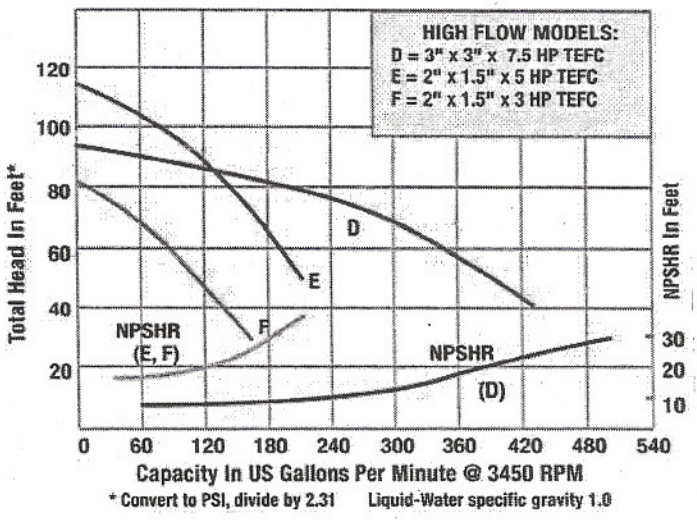
  Viton®: 200° F
  Buna N: 180° F
- Front drain plugs located 90° apart
- Max head 194 Ft. (100 PSI)
- Max flow 425 GPM
- Max working pressure 150 PSI

F&W Heavy Duty Straight Centrifugal pumps are suited for liquid 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 (TEFC) motors. **Pumps are not self-priming and require flooded suction.**





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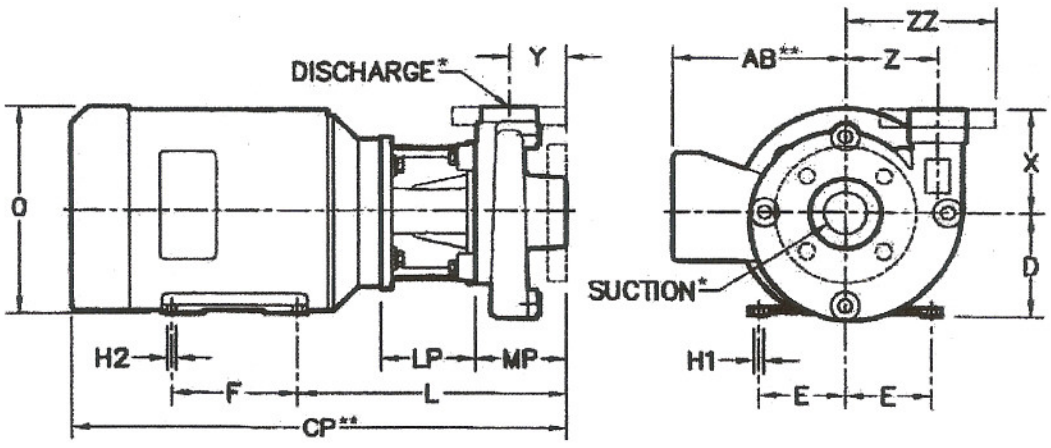
316 STAINLESS STEEL BOOSTER PUMPS
"C5" SERIES HORIZONTAL END SUCTION CENTRIFUGALS



Pump Dimensional & Specification Chart

CI Model No.	SS Model No.	HP	PH	Frame	ENC	Voltage @ 60 Hz	Full Load Amps	Conn. Type	SUC*	DIS*	AB**	CP**	D	E	F	H1	H2	L	LP	MP	O	X	Y	Z	ZZ	Ship Wt # CI	Ship Wt # SS
C55A303T	C55S303T	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	98	83
C55A503T	C55S503T	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	25	4.0	N/A	108	110
C57A753T	C75S753T	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	122	117
55A753T	C55S753T	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	108
56A1003T	C56S1003T	10	3	184JM	TEFC	230/460	26/13	NPT	3	2	7.5	21.5	4.5	3.8	5.5	0.4	0.4	11.7	3.5	4.4	9.3	5.0	2.8	4.8	N/A	117	120
C56A1503T	C56S1503T	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	195

(*) 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)
CI = Cast Iron Construction with SS Impeller and Buna N Seals, Max. Temperature 180° F
SS = All 316 Stainless Steel Construction with Viton® Seals, Max. Temperature 200° F

Standard Features

- Stainless steel and cast iron construction
- Buna N or Viton® mechanical seal and o-rings depending on model
- Stainless steel hardware
- Discharge rotates in 90° Increments
- Max. working pressure to 150 PSI
- Max. temperature:
  200° F Viton®
  180° F Buna N

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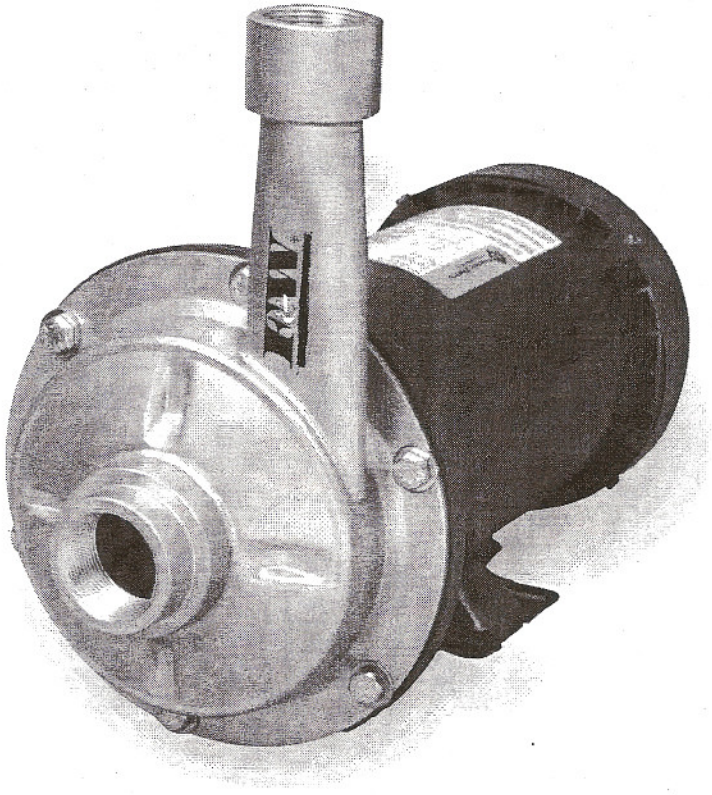
304 STAINLESS STEEL BOOSTER PUMPS
"C6" & "C7" SERIES HORZ. END SUCTION CENTRIFUGALS

"C6" and "C7" Series Stainless Steel Straight Centrifugal Pumps

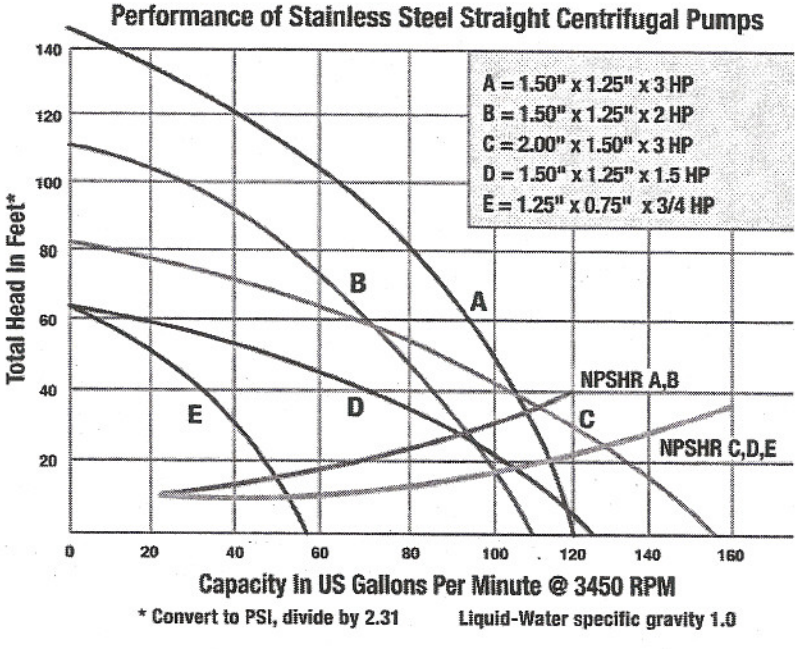


- 304 stainless steel construction
- Viton® mechanical seal and o-ring
- Investment cast stainless steel impeller
- High head and high volume models
- Max. working pressure 150 PSI
- Max. temperature 200° F
- Max. flow 156 GPM
- Max. head 145 Ft.
- Chemical resistant design
- Discharge port rotates in 90° increments
- 56J frame totally enclosed fan cooled (TEFC) motors

Flint & Walling Stainless Steel Straight Centrifugal pumps are designed for continuous duty high flow and high pressure applications including liquid transfer, cooling, pressure boosting, circulating and applications requiring contaminant free pumping.

Constructed of rugged deep drawn 304 stainless steel for durability and corrosion resistance. Investment cast stainless steel closed impellers for enhanced performance and high efficiencies.

All models include Viton® Type 21 mechanical seals and O-rings which offer a broad range of chemical compatibility. Cast iron motor adapter provides a positive and rigid mounting to motor.



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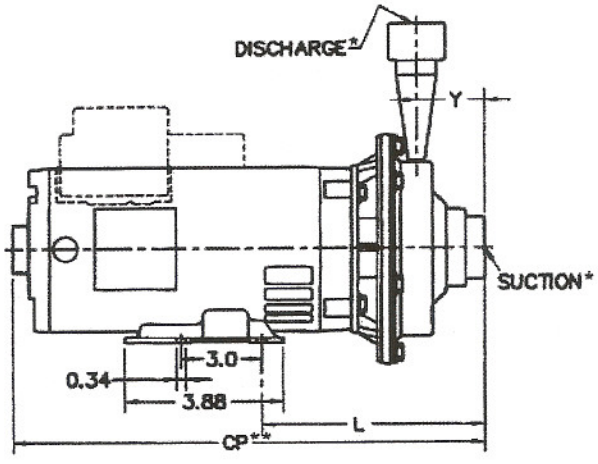
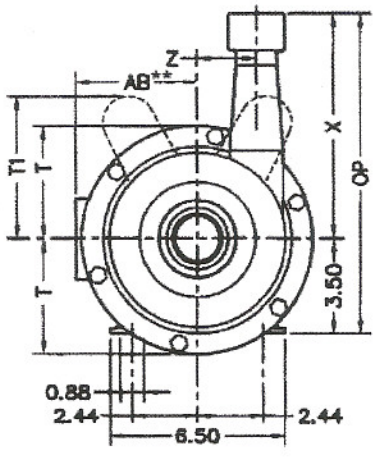
"C6" & "C7" SERIES HORZ. END SUCTION CENTRIFUGALS





High Volume Models Dimensional & Specification Chart

Model No.	Curve	HP	PH	ENC	Voltage @ 60 Hz	Full Load Amp	SUC*	DIS*	CP**	AB**	L	OP	T	T1**	X	Y	Z	Ship Wt. Lbs.
C63071T	E	3/4	1	TEFC	115/230	9/5	1-1/4	3/4	14.0	4.9	6.5	7.9	3.4	N/A	4.4	2.2	4.1	38
C63073T	E	3/4	3	TEFC	230/460	3/2	1-1/4	3/4	13.4	4.9	6.5	7.9	3.4	N/A	4.4	2.2	4.1	31
C64151T	D	1.5	1	TEFC	115/230	18/9	1-1/2	1-1/4	14.8	4.6	6.1	7.9	3.4	N/A	4.4	1.8	4.0	50
C64153T	D	1.5	3	TEFC	230/460	5/3	1-1/2	1-1/4	14.0	4.9	6.1	7.9	3.4	N/A	4.4	1.8	4.0	39
C65301T	C	3	1	TEFC	230	16	2	1-1/2	16.2	4.9	6.2	7.9	3.4	N/A	4.4	1.9	4.0	57
C65303T	C	3	3	TEFC	230/460	8/4	2	1-1/2	15.7	4.9	6.2	7.9	3.4	N/A	4.4	1.9	4.0	54

High Volume Models Dimensional & Specification Chart

Model No.	Curve	HP	PH	ENC	Voltage @ 60 Hz	Full Load Amp	SUC*	DIS*	CP**	AB**	L	OP	T	T1**	X	Y	Z	Ship Wt. Lbs.
C74201T	B	2	1	TEFC	115/230	22/11	1-1/2	1-1/4	16.7	4.9	7.5	12.0	4.3	5.2	8.5	2.6	2.2	50
C74203T	B	2	3	TEFC	230/460	6/3	1-1/2	1-1/4	15.5	4.6	7.5	12.0	4.3	N/A	8.5	2.6	2.2	54
C74301T	A	3	1	TEFC	230	16	1-1/2	1-1/4	17.5	4.6	7.5	12.0	4.3	5.3	8.5	2.6	2.2	59
C74303T	A	3	3	TEFC	230/460	8/4	1-1/2	1-1/4	17.0	4.9	7.5	12.0	4.3	N/A	8.5	2.6	2.2	58

(*) 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 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)

Standard Features

- 304 stainless steel construction
- Investment cast stainless steel impeller
- Viton® mechanical seal and o-ring
- Cast iron motor adapter provides rigid mounting
- NEMA 56J TEFC single & three phase motors
- Stainless steel hardware
- Stainless steel motor shaft
- Max. working pressure up to 150 PSI
- Max. temperature 200° F