

## FC SERIES CENTRIFUGAL PUMPS

### Stainless Steel Centrifugal Pumps

#### **FC** Series

Dependable and rugged, FC Series pumps are corrosion and erosion resistant making them the logical choice for continuous duty service.

The quality and performance you expect, along with industry best lead times and personalized service, only from Webtrol!



#### Features and Benefits

- 304 stainless steel pump
- Close coupled design
- Centerline discharge
- Back pullout design allows for ease of servicing
- High operating efficiencies
- Mechanical seals and case o-rings are made of high quality materials

#### Performance

HP Range: 1 to 2, 60Hz - 1750 RPM  
3 to 30, 60Hz - 3450 RPM

Capacities to 600 GPM

Pressures to 120 PSI

Temperatures to 212 °F

#### Typical Services

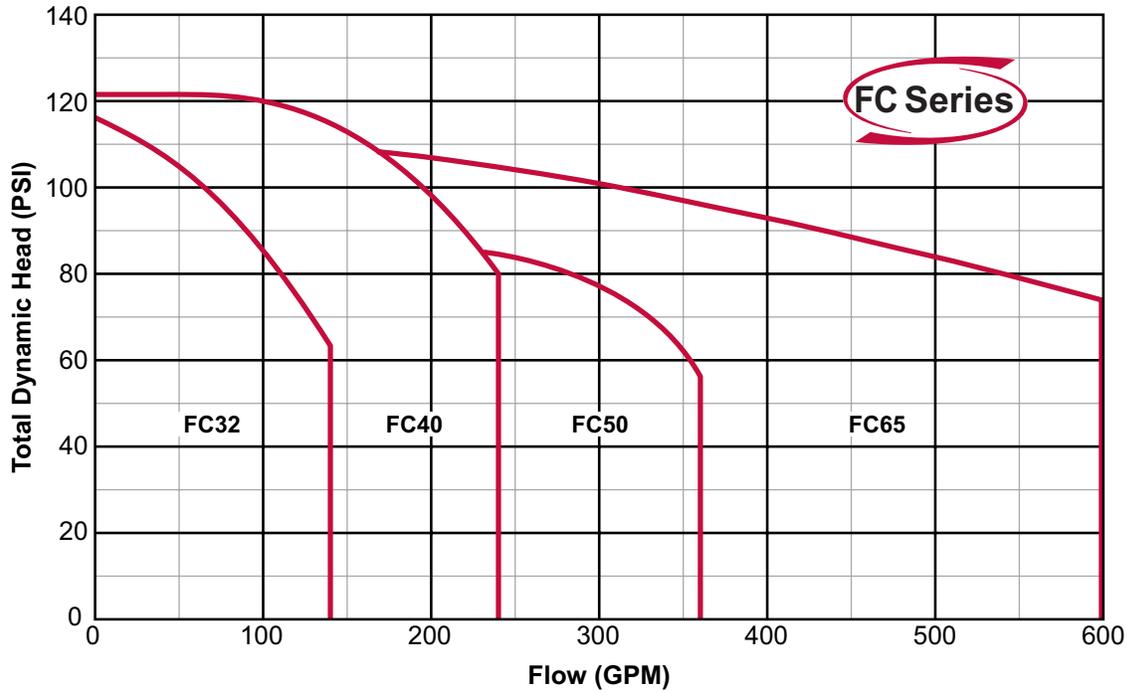
- Pressure Boosting
- Ultrapure Water Systems
- Deionized Systems
- Distribution Systems
- Pharmaceutical Services
- Water Reclamation
- Sprinkler & Irrigation
- General Pump Applications
- Beverage Processing
- Parts Washers
- Cooling Towers
- Jockey Pump
- Liquid Transfer
- Heat Exchangers
- Car Wash
- Spray systems
- Scrubbers
- Poultry



There when you need us most

**FC Series**

**FC SERIES FAMILY CURVES**

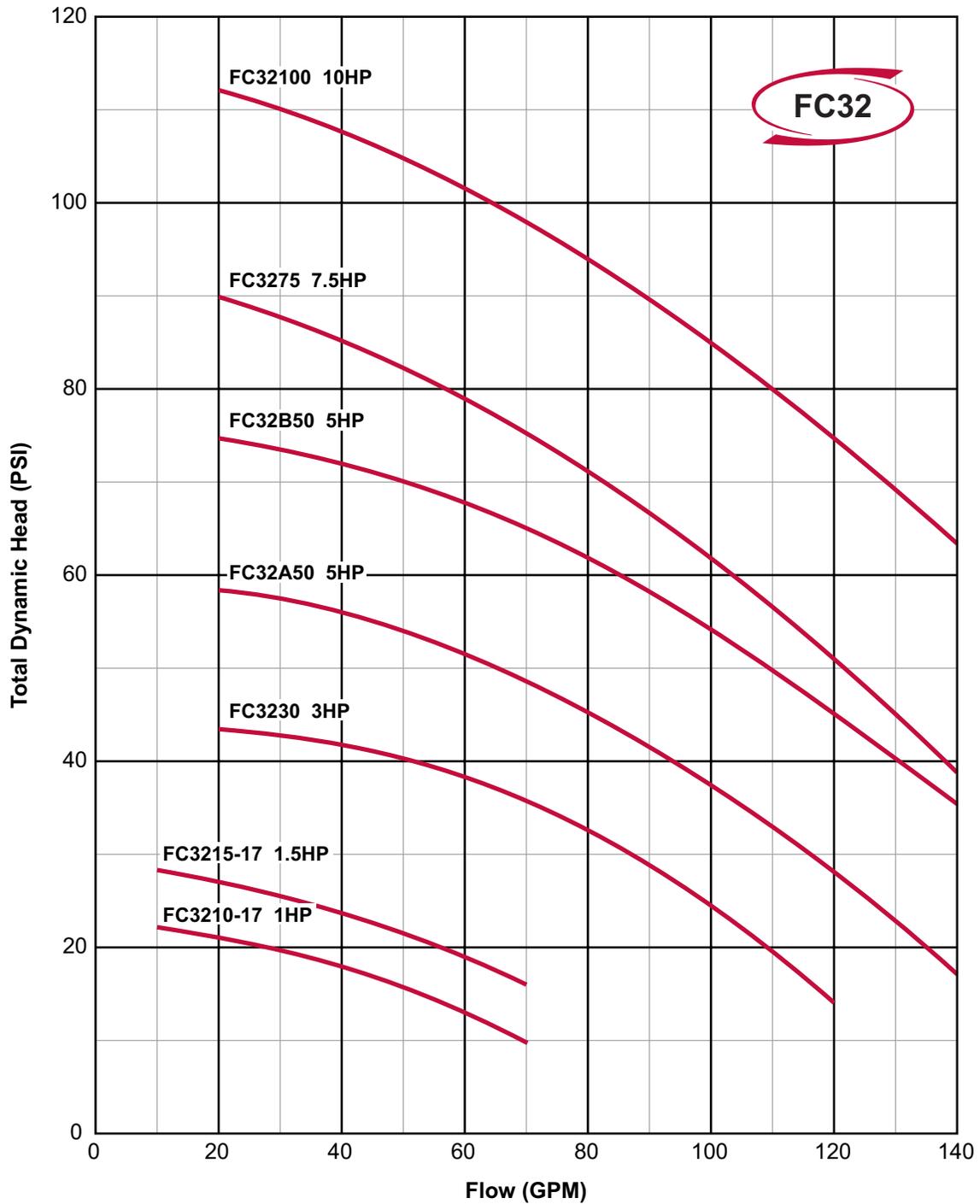


Suction and Discharge Sizes		
Model No.	Suction (150 lb. ANSI)	Discharge (150 lb. ANSI)
FC32	2" ANSI	1.25" ANSI
FC40	2.5" ANSI	1.5" ANSI
FC50	2.5" ANSI	2" ANSI
FC65	3" ANSI	2.5" ANSI

CONSTRUCTION MATERIALS	
Part	Material
Casing	304L SS
Impeller	304L SS
Shaft	SS
Mechanical Seal	Type 21

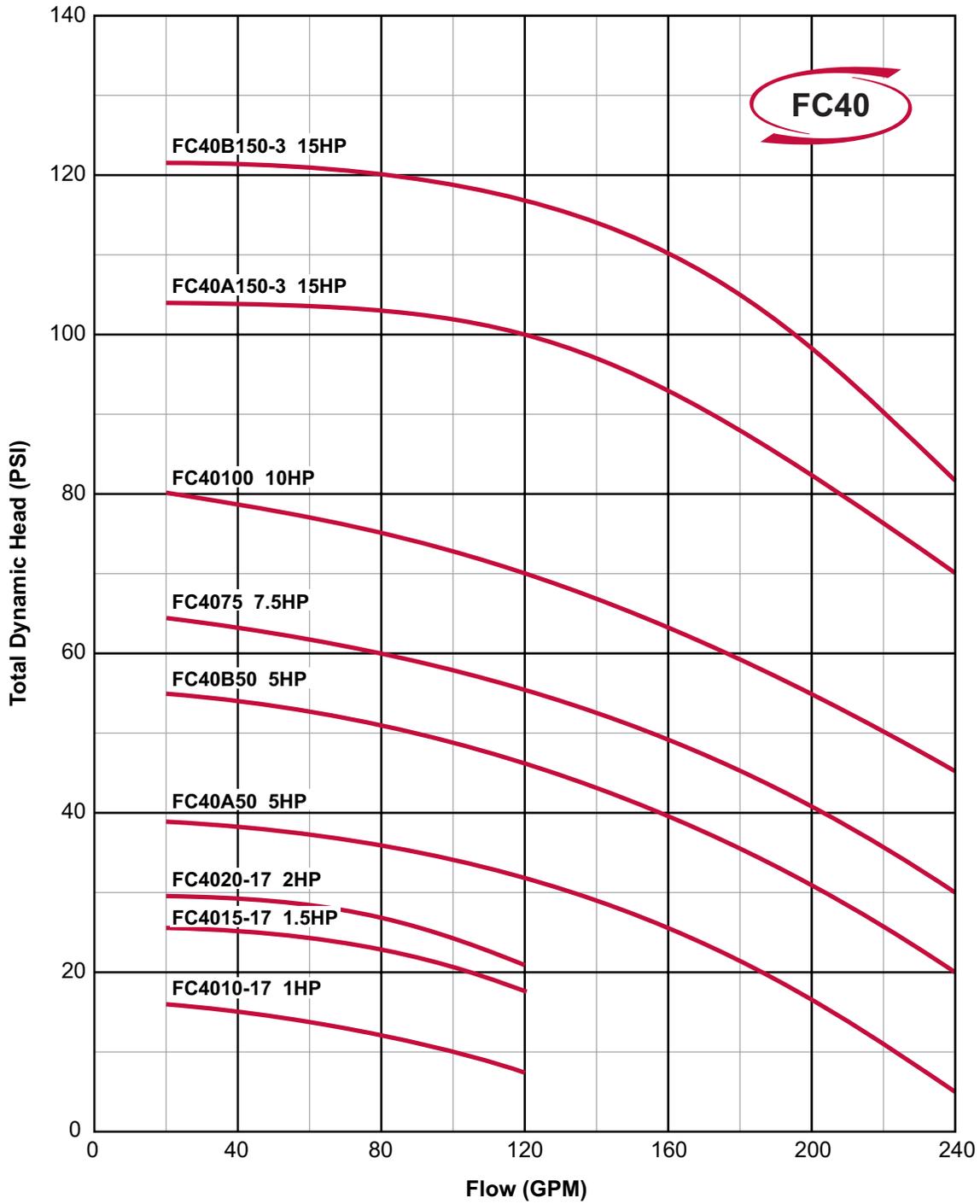
## FC SERIES GROUP CURVES

**FC** Series



## FC Series

## FC SERIES GROUP CURVES

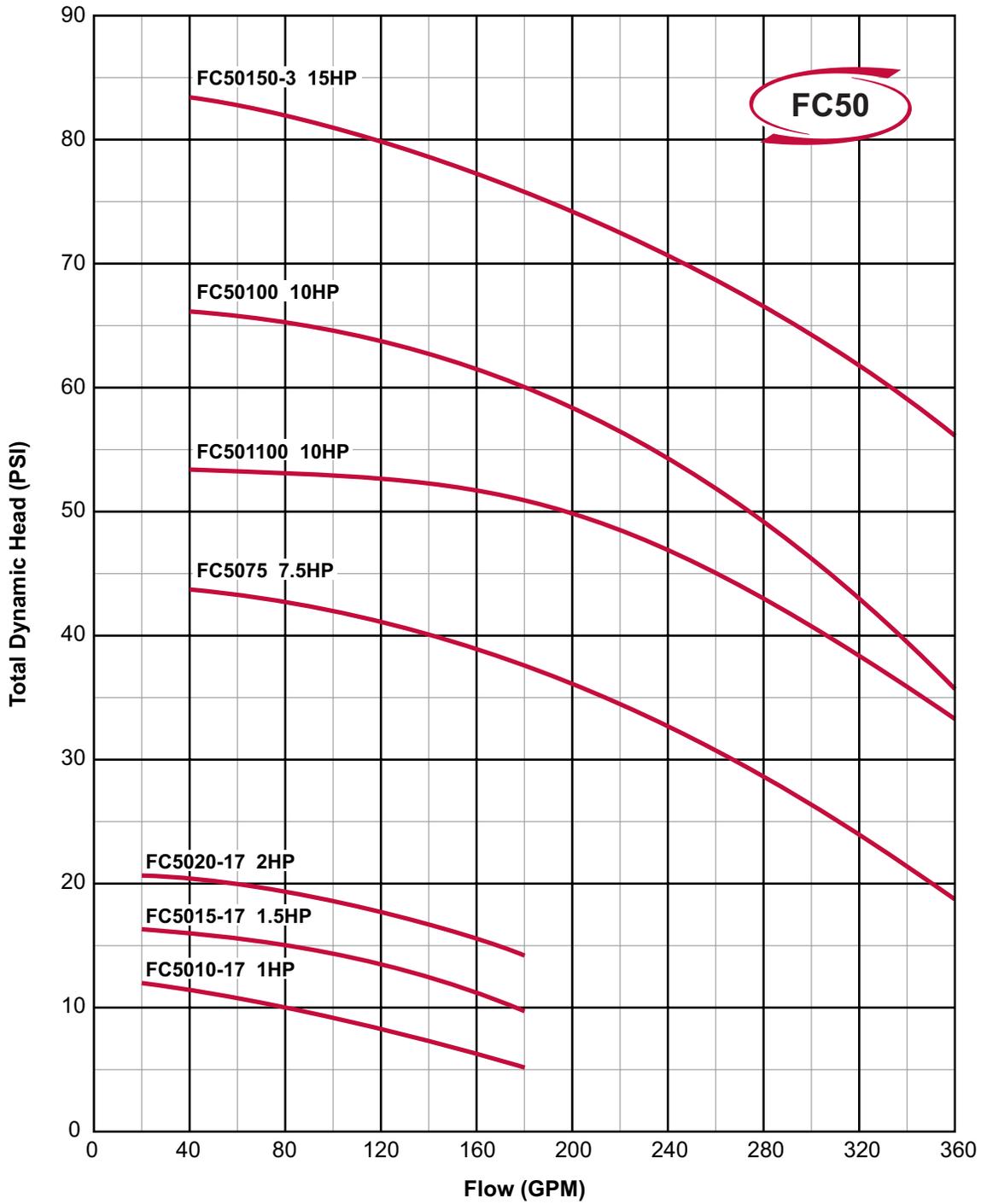




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## FC SERIES GROUP CURVES

**FC** Series

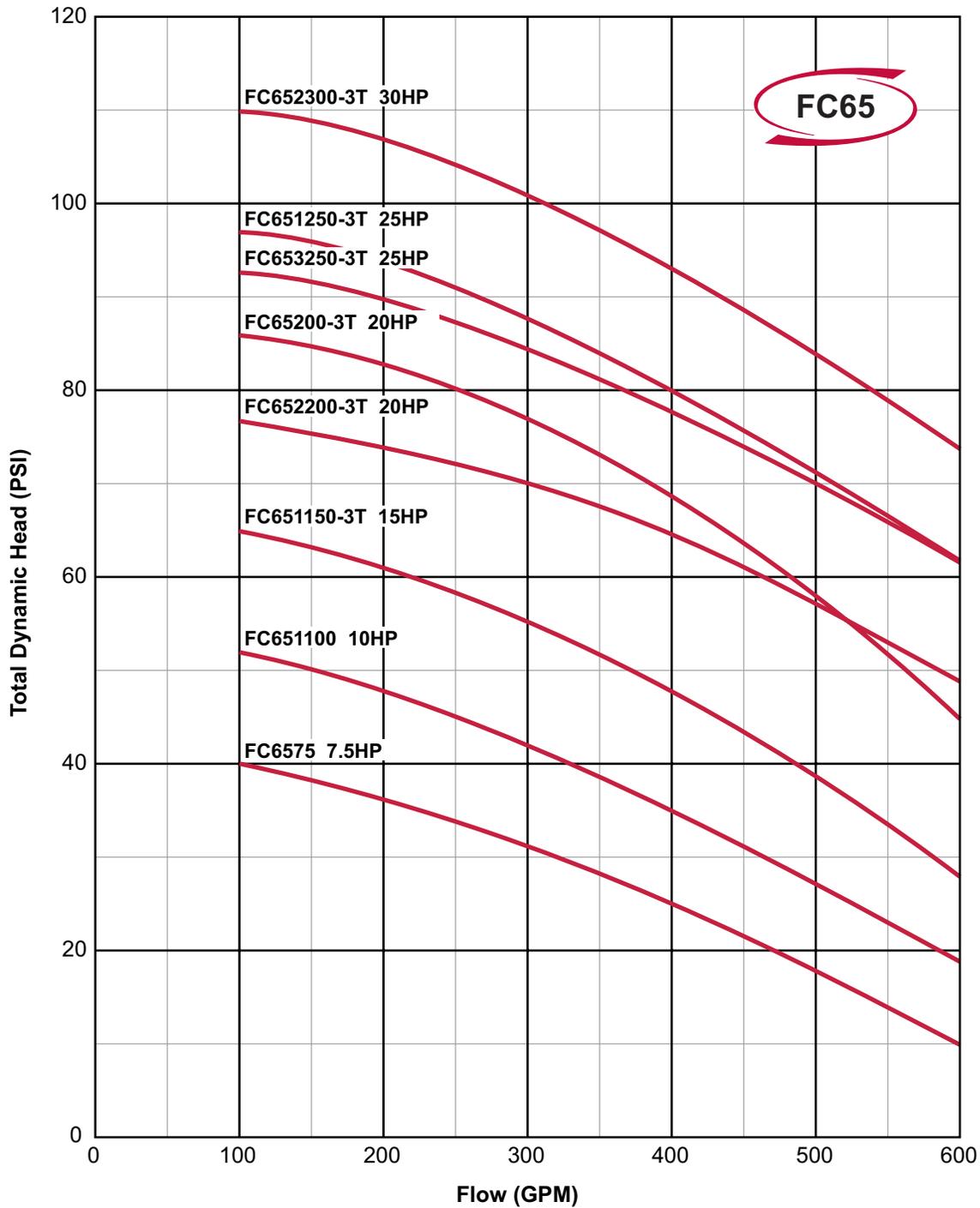




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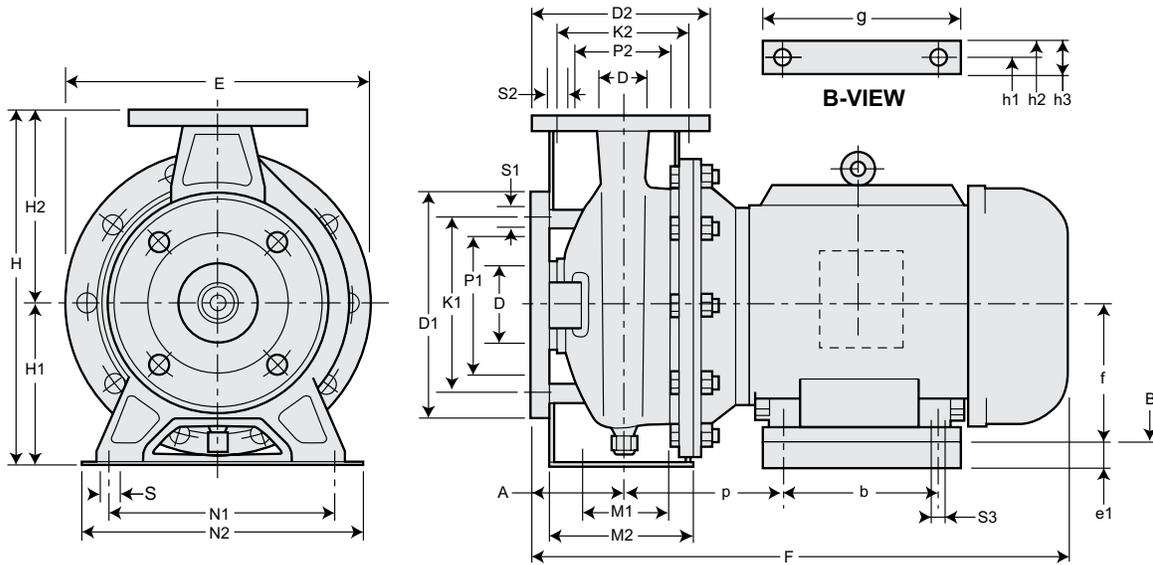
**FC Series**

**FC SERIES GROUP CURVES**



## FC SERIES CENTRIFUGAL Dimensions

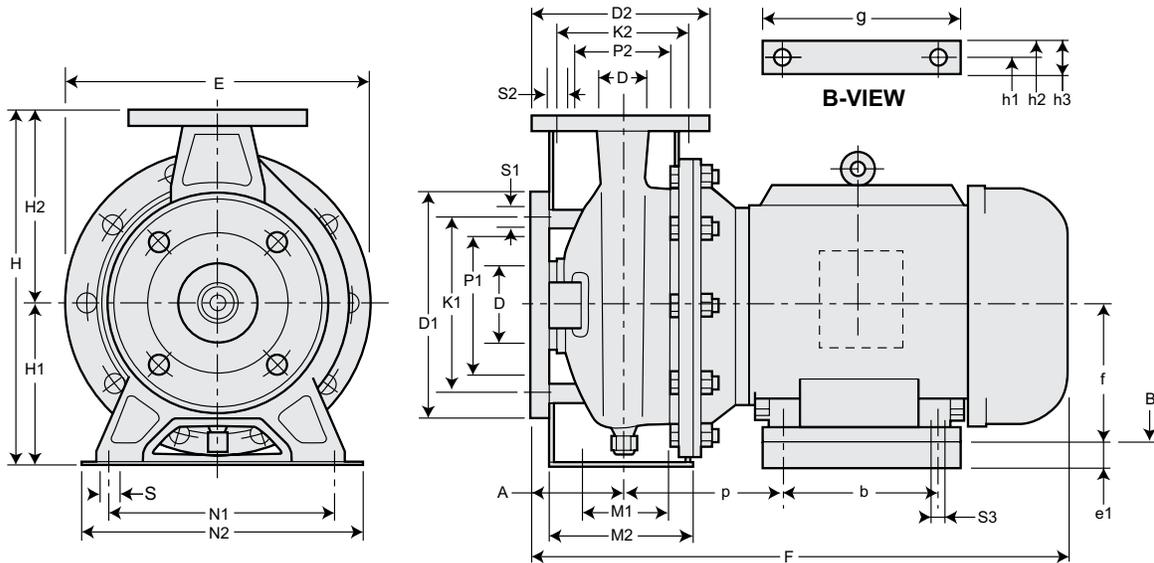
**FC** Series



Model No.	Suction Flange (In.)					Discharge Flange (In.)				
	D	P1	K1	D1	S1	D	P2	K2	D2	S2
FC3230	2	3 3/4	4 15/16	6 1/2	11/16	1 1/4	2 1/2	3 1/2	5 1/2	5/8
FC32A50	2	3 3/4	4 15/16	6 1/2	11/16	1 1/4	2 1/2	3 1/2	5 1/2	5/8
FC32B50	2	3 3/4	4 15/16	6 1/2	11/16	1 1/4	2 1/2	3 1/2	5 1/2	5/8
FC3275	2	3 3/4	4 15/16	6 1/2	11/16	1 1/4	2 1/2	3 1/2	5 1/2	5/8
FC32100	2	3 3/4	4 15/16	6 1/2	11/16	1 1/4	2 1/2	3 1/2	5 1/2	5/8
FC40A50	2 1/2	4 9/16	5 11/16	7 5/16	11/16	1 1/2	2 7/8	3 7/8	5 7/8	5/8
FC40B50	2 1/2	4 9/16	5 11/16	7 5/16	11/16	1 1/2	2 7/8	3 7/8	5 7/8	5/8
FC4075	2 1/2	4 9/16	5 11/16	7 5/16	11/16	1 1/2	2 7/8	3 7/8	5 7/8	5/8
FC40100	2 1/2	4 9/16	5 11/16	7 5/16	11/16	1 1/2	2 7/8	3 7/8	5 7/8	5/8
FC40A150-3	2 1/2	4 9/16	5 11/16	7 5/16	11/16	1 1/2	2 7/8	3 7/8	5 7/8	5/8
FC40B150-3	2 1/2	4 9/16	5 11/16	7 5/16	11/16	1 1/2	2 7/8	3 7/8	5 7/8	5/8
FC5075	2 1/2	4 9/16	5 11/16	7 5/16	11/16	2	3 3/4	4 15/16	6 1/2	11/16
FC501100	2 1/2	4 9/16	5 11/16	7 5/16	11/16	2	3 3/4	4 15/16	6 1/2	11/16
FC50100	2 1/2	4 9/16	5 11/16	7 5/16	11/16	2	3 3/4	4 15/16	6 1/2	11/16
FC50150-3	2 1/2	4 9/16	5 11/16	7 5/16	11/16	2	3 3/4	4 15/16	6 1/2	11/16

## FC Series

## FC SERIES CENTRIFUGAL Pump Dimensions



Model No.	Pump Dimensions (in.)									
	A	E	H	H1	H2	M1	M2	N1	N2	S
FC3230	3 1/8	8 3/8	9 15/16	4 7/16	5 1/2	2 3/4	4 1/2	5 1/2	7 1/2	9/16
FC32A50	3 1/8	10	11 1/2	5 3/16	6 5/16	2 3/4	4 5/8	7 1/2	9 7/16	9/16
FC32B50	3 1/8	10	11 1/2	5 3/16	6 5/16	2 3/4	4 5/8	7 1/2	9 7/16	9/16
FC3275	3 1/8	1 9/16	13 3/8	6 5/16	7 1/16	2 3/4	4 11/16	7 1/2	9 7/16	9/16
FC32100	3 1/8	1 9/16	13 3/8	6 5/16	7 1/16	2 3/4	4 11/16	7 1/2	9 7/16	9/16
FC40A50	3 1/8	8 3/8	9 15/16	4 7/16	5 1/2	2 3/4	4 1/2	6 5/16	8 1/4	9/16
FC40B50	3 1/8	8 3/8	9 15/16	4 7/16	5 1/2	2 3/4	4 1/2	6 5/16	8 1/4	9/16
FC4075	3 1/8	10	11 1/2	5 3/16	6 5/16	2 3/4	4 5/8	7 1/2	9 7/16	9/16
FC40100	3 1/8	10	11 1/2	5 3/16	6 5/16	2 3/4	4 5/8	7 1/2	9 7/16	9/16
FC40A150-3	3 15/16	1 9/16	13 3/8	6 5/16	7 1/16	2 3/4	4 1/2	8 3/8	10 7/16	9/16
FC40B150-3	3 15/16	1 9/16	13 3/8	6 5/16	7 1/16	2 3/4	4 1/2	8 3/8	10 7/16	9/16
FC5075	3 15/16	10	11 1/2	5 3/16	6 5/16	2 3/4	4 1/2	7 1/2	9 7/16	9/16
FC501100	3 15/16	10	11 1/2	5 3/16	6 5/16	2 3/4	4 1/2	7 1/2	9 7/16	9/16
FC50100	3 15/16	1 11/16	13 3/8	6 5/16	7 1/16	2 3/4	4 1/2	8 3/8	10 7/16	9/16
FC50150-3	3 15/16	1 11/16	13 3/8	6 5/16	7 1/16	2 3/4	4 1/2	8 3/8	10 7/16	9/16



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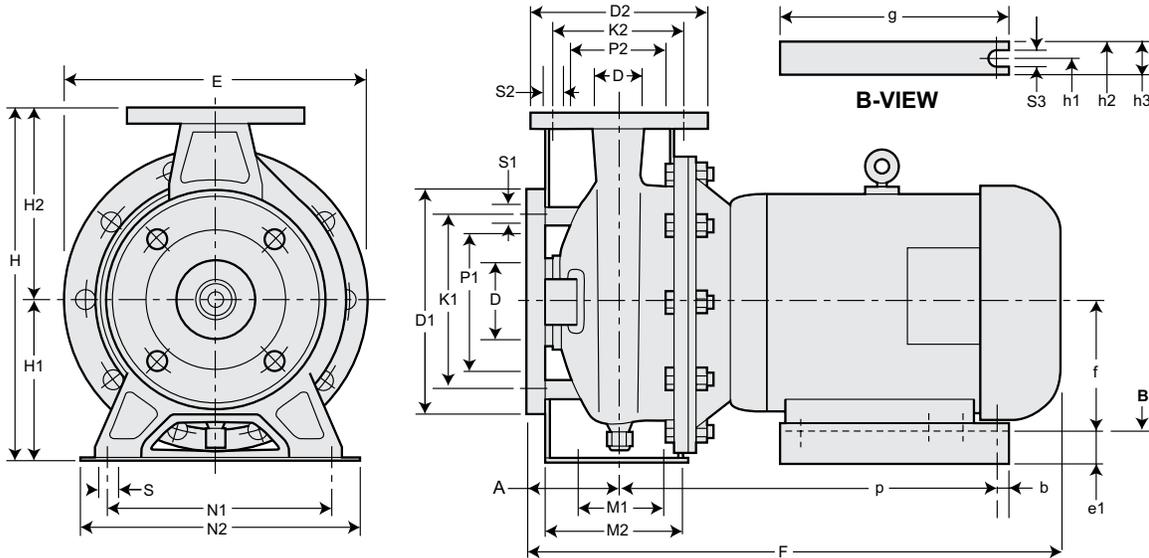
## FC SERIES CENTRIFUGAL Motor Dimensions

**FC** Series

Model No.	NEMA Frame	Motor Dimensions (in.)									
		b	e1	f	g	h1	h2	h3	p	S3	F
FC3230	145JM	5	15/16	3 1/2	5 15/16	5 1/2	6 1/2	1	6 9/16	11/32	18 15/16
FC3230	182JM	4 1/2	-1/16	4 1/2	6 1/2	7 1/2	8 1/2	1	7 3/16	13/32	19 3/16
FC32A50	182JM	4 1/2	11/16	4 1/2	6 1/2	7 1/2	8 1/2	1	7 3/16	13/32	19 3/16
FC32A50	184JM	5 1/2	11/16	4 1/2	6 1/2	7 1/2	8 1/2	1	7 3/16	13/32	20 5/8
FC32B50	182JM	4 1/2	11/16	4 1/2	6 1/2	7 1/2	8 1/2	1	7 3/16	13/32	19 3/16
FC32B50	184JM	5 1/2	11/16	4 1/2	6 1/2	7 1/2	8 1/2	1	7 3/16	13/32	20 5/8
FC3275	184JM	5 1/2	1 13/16	4 1/2	6 1/2	7 1/2	8 1/2	1	7 3/16	13/32	22 1/8
FC3275	213JM	5 1/2	1 1/16	5 1/4	8	8 1/2	9 1/2	1	8 3/16	13/32	20 3/4
FC32100	213JM	5 1/2	1 1/16	5 1/4	8	8 1/2	9 1/2	1	8 3/16	13/32	20 3/4
FC32100	215JM	7	1 1/16	5 1/4	8	8 1/2	9 1/2	1	8 3/16	13/32	21 7/8
FC40A50	182JM	4 1/2	-1/16	4 1/2	6 1/2	7 1/2	8 1/2	1	7 3/16	13/32	19 3/16
FC40A50	184JM	5 1/2	-1/16	4 1/2	6 1/2	7 1/2	8 1/2	1	7 3/16	13/32	20 3/4
FC40B50	182JM	4 1/2	-1/16	4 1/2	6 1/2	7 1/2	8 1/2	1	7 3/16	13/32	19 3/16
FC40B50	184JM	5 1/2	-1/16	4 1/2	6 1/2	7 1/2	8 1/2	1	7 3/16	13/32	20 3/4
FC4075	184JM	5 1/2	11/16	4 1/2	6 1/2	7 1/2	8 1/2	1	7 3/16	13/32	22 1/8
FC4075	213JM	5 1/2	-1/16	5 1/4	8	8 1/2	9 1/2	1	8 3/16	13/32	20 3/4
FC40100	213JM	5 1/2	-1/16	5 1/4	8	8 1/2	9 1/2	1	8 3/16	13/32	20 3/4
FC40100	215JM	7	-1/16	5 1/4	8	8 1/2	9 1/2	1	8 3/16	13/32	21 7/8
FC40A150-3	215JM	7	1 1/16	5 1/4	8	8 1/2	9 1/2	1	8 3/16	13/32	22 11/16
FC40B150-3	215JM	7	1 1/16	5 1/4	8	8 1/2	9 1/2	1	8 3/16	13/32	22 11/16
FC5075	184JM	5 1/2	11/16	4 1/2	6 1/2	7 1/2	8 1/2	1	7 3/16	13/32	22 15/16
FC5075	213JM	5 1/2	-1/16	5 1/4	8	8 1/2	9 1/2	1	8 3/16	13/32	21 9/16
FC501100	213JM	5 1/2	-1/16	5 1/4	8	8 1/2	9 1/2	1	8 3/16	13/32	21 9/16
FC501100	215JM	7	-1/16	5 1/4	8	8 1/2	9 1/2	1	8 3/16	13/32	22 11/16
FC50100	213JM	5 1/2	1 1/16	5 1/4	8	8 1/2	9 1/2	1	8 3/16	13/32	21 9/16
FC50100	215JM	7	1 1/16	5 1/4	8	8 1/2	9 1/2	1	8 3/16	13/32	22 11/16
FC50150-3	215JM	7	1 1/16	5 1/4	8	8 1/2	9 1/2	1	8 3/16	13/32	22 11/16

## FC Series

## FC SERIES CENTRIFUGAL Pump and Motor Dimensions



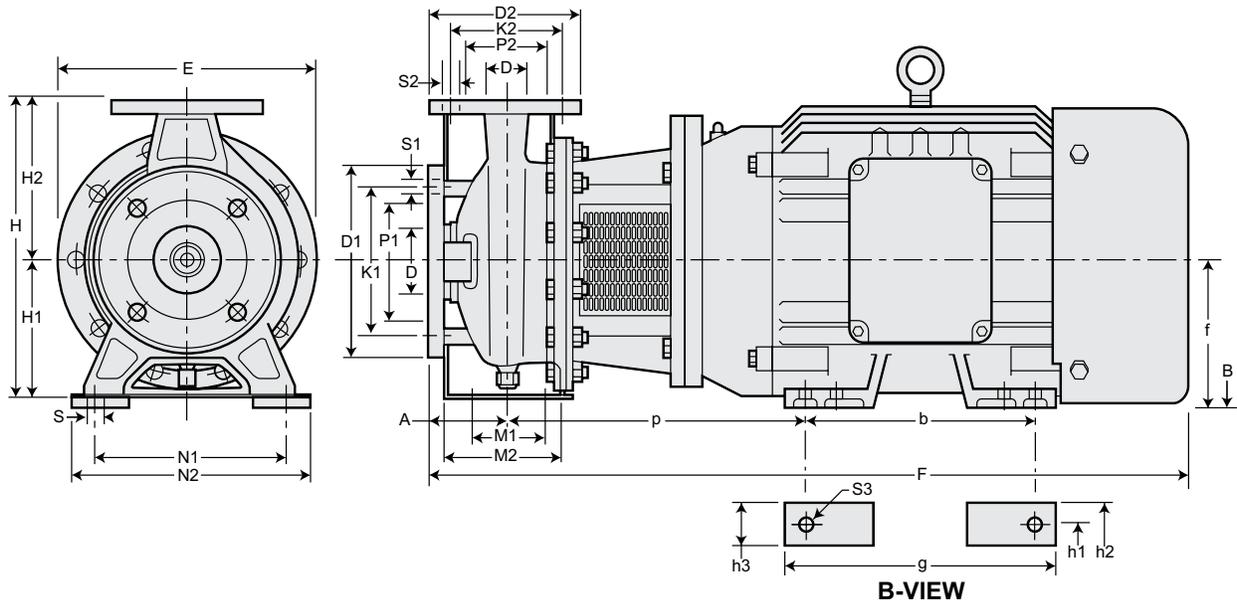
Model No.	Suction Flange (in.)					Discharge Flange (in.)				
	D	P1	K1	D1	S1	D	P2	K2	D2	S2
FC6575	3 3/16	5 1/4	6	7 7/8	11/16	2 9/16	4 1/2	5 11/16	7 5/16	11/16
FC651100	3 3/16	5 1/4	6	7 7/8	11/16	2 9/16	4 1/2	5 11/16	7 5/16	11/16
FC651150-3	3 3/16	5 1/4	6	7 7/8	11/16	2 9/16	4 1/2	5 11/16	7 5/16	11/16

Model No.	Pump Dimensions (in.)									
	A	E	H	H1	H2	M1	M2	N1	N2	S
FC6575	3 15/16	10	13 3/8	6 5/16	7 1/16	3 3/4	5 1/2	8 3/8	11	9/16
FC651100	3 15/16	10	13 3/8	6 5/16	7 1/16	3 3/4	5 1/2	8 3/8	11	9/16
FC651150-3	3 15/16	11 5/8	14 3/16	6 5/16	7 7/8	3 3/4	5 1/2	8 3/8	11	9/16

Model No.	NEMA Frame	Motor Dimensions (in.)									
		b	e1	f	g	h1	h2	h3	p	S3	F
FC6575	213JM	9/16	1 1/16	5 1/4	9 9/16	8 1/2	10 1/4	1 3/4	16 9/16	1/2	23 3/16
FC651100	215JM	9/16	1 1/16	5 1/4	9 9/16	8 1/2	10 1/4	1 3/4	16 9/16	1/2	23 3/16
FC651150-3	215JM	9/16	1 1/16	5 1/4	9 9/16	8 1/2	10 1/4	1 3/4	16 9/16	1/2	23 3/16

## FC SERIES CENTRIFUGAL Pump and Motor Dimensions

**FC** Series



Model No.	Suction Flange (in.)					Discharge Flange (in.)				
	D	P1	K1	D1	S1	D	P2	K2	D2	S2
FC652200-3T	3 3/16	5 1/4	6	7 7/8	11/16	2 9/16	4 1/2	5 11/16	7 5/16	11/16
FC65200-3T	3 3/16	5 1/4	6	7 7/8	11/16	2 9/16	4 1/2	5 11/16	7 5/16	11/16
FC653250-3T	3 3/16	5 1/4	6	7 7/8	11/16	2 9/16	4 1/2	5 11/16	7 5/16	11/16
FC651250-3T	3 3/16	5 1/4	6	7 7/8	11/16	2 9/16	4 1/2	5 11/16	7 5/16	11/16
FC652300-3T	3 3/16	5 1/4	6	7 7/8	11/16	2 9/16	4 1/2	5 11/16	7 5/16	11/16

Pump Dimensions in.)									
A	E	H	H1	H2	M1	M2	N1	N2	S
3 15/16	11 5/8	14 3/16	6 5/16	7 7/8	3 3/4	5 1/2	8 3/8	11	9/16
3 15/16	11 5/8	15 15/16	7 1/16	8 7/8	3 3/4	5 1/2	9 13/16	12 5/8	9/16
3 15/16	11 5/8	14 7/8	6 5/16	7 7/8	3 3/4	4 15/16	8 3/8	11 1/8	9/16
3 15/16	11 5/8	15 15/16	7 1/16	8 7/8	3 3/4	5 1/2	9 13/16	12 5/8	9/16
3 15/16	11 5/8	15 15/16	7 1/16	8 7/8	3 3/4	5 1/2	9 13/16	12 5/8	9/16

Model No.	NEMA Frame	Motor Dimensions (in.)								
		b	f	g	h1	h2	h3	p	S3	F
FC652200-3T	256TC	10	6 1/4	11 5/8	10	12 3/8	2 3/8	13 13/16	17/32	32 3/8
FC65200-3T	256TC	10	6 1/4	13 9/16	10	12 3/8	2 3/8	25 13/16	17/32	32 3/8
FC653250-3T	284TSC	11	7	12 13/16	11	12 3/4	-	13 7/8	17/32	36
FC651250-3T	284TSC	11	7	13	11	12 15/16	1 15/16	13 7/8	17/32	36
FC652300-3T	286TSC	11	7	13	11	12 15/16	1 15/16	13 7/8	17/32	36



*There when you need us most*

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