



Sample Specifications for End Suction General Purpose, Series C-Close Coupled and Series F-Base Mounted pumps.

The following pump specifications include cast iron bronze fitted materials and all iron materials of construction. All *iron construction materials are printed in italics*. Select appropriate specification wording for desired construction materials.

Base Mounted - F Series

Pump shall be Sterling Fluid Systems, (USA) Inc. Series F end suction, radially split case centrifugal type capable of delivering _____ US GPM at a total head of _____ Feet with an efficiency of not less than _____% at the specified condition. Pumped liquid will be at a temperature of _____ ° F with a specific gravity of _____

Pump casing shall be cast iron with smooth water passages and fitted with a (bronze)(*steel*) replaceable wearing ring. Maximum casing working pressure shall be _____ PSI.

The impeller supplied for the specified conditions shall be one piece (bronze) (*iron*) casting of a diameter not greater than 90% of the casing cut water diameter.

Pump shaft shall be carbon steel of a size and design to limit shaft deflection at the stuffing box to no more than .002 inches.

Sealing of the pump liquid cavity shall be accomplished with:

Packed Pumps, Bronze Fitted A minimum of five rows of braided, graphited Acrylic or TFE braided packing and bronze shaft sleeve.

Packed Pumps, All Iron A minimum of five rows of braided, graphited Acrylic or TFE packing and 416 stainless steel shaft sleeve.

Mechanical Seal Pumps, Bronze Fitted A face type mechanical seal with Ni-Resist stationary seat, carbon washer, Viton rubber flexible members, 18-8 stainless steel metal parts and 18-8 stainless steel spring. Seal shall be mounted over a bronze shaft sleeve.

Mechanical Seal Pumps, All Iron A face type mechanical seal with Ni- Resist stationary seat, carbon washer, Viton rubber flexible members and 18-8 stainless steel spring and metal parts. Seal shall be mounted over a 416 stainless steel shaft sleeve.

Pump shall be flexibly coupled to a NEMA frame (ODP) (TEFC) (Explosion Proof) electric motor rated _____ Hp., _____ RPM, _____ Volts, _____ Phase _____ Hz. Motor and pump bearings shall be grease lubricated and sized for a minimum of 20,000 hours L10 life which is equivalent to 100,000 hours average bearing life. Motor and pump shall be aligned and mounted on a (steel base) (steel base with drip pan or drip rim). A coupling guard shall be provided.

Pump shall be Sterling Fluid Systems, (USA) Inc. Series C end suction, radially split case centrifugal type capable of delivering

_____ US GPM at a total head of _____ Feet with an efficiency of not less than _____ % at the specified condition. Pumped liquid will be at a temperature of _____ ° F with a specific gravity of _____

Pump casing shall be cast iron with smooth water passages and fitted with a (bronze)(*steel*) replaceable wearing ring. Maximum casing working pressure shall be _____ PSI

The impeller supplied for the specified conditions shall be one piece (bronze) (*iron*) casting of a diameter not greater than 90% of the casing cut water diameter.

Sealing of the pump liquid cavity shall be accomplished with:

Packed Pumps, Bronze Fitted A minimum of five rows of braided, graphited Acrylic or TFE braided packing and bronze shaft sleeve.

Packed Pumps, All Iron A minimum of five rows of braided, graphited Acrylic or TFE packing and 416 stainless steel shaft sleeve.

Mechanical Seal Pumps, Bronze Fitted A face type mechanical seal with Ni-Resist stationary seat, carbon washer, Viton rubber flexible members, 18-8 stainless steel metal parts and 18-8 stainless steel spring. Seal shall be mounted over a bronze shaft sleeve.

Mechanical Seal Pumps, All Iron A face type mechanical seal with Ni- Resist stationary seat, carbon washer, Viton rubber flexible members and 18-8 stainless steel spring and metal parts. Seal shall be mounted over a 416 stainless steel shaft sleeve.

Pump shall be close coupled to a HI-NEMA frame (ODP) (TEFC) (Explosion Proof) electric motor rated _____ Hp., _____ RPM, _____ Volts, _____ Phase _____ Hz. Motor and pump bearings shall be grease lubricated and sized for a minimum of 20,000 hours L10 life which is equivalent to 100,000 hours average bearing life. Motor shaft shall be carbon steel and of a size and design to limit shaft deflection at the stuffing box to no more than .002 inches. Motor bearings shall be grease lubricated and sized for a minimum of 20,000 hours B10 life which is equivalent to 100,000 hours average bearing life.

Subject to change without notice.

Close Coupled - C Series



Typical Building Trades Specification

The pump shall be close coupled, end suction type, radially split case type. Pump shall be equal to a Sterling Fluid Systems, (USA) Inc. Series C model.

Pump to be designed for _____ US GPM at a total head of _____ feet with an efficiency of not less than _____% et the specified condition. Pumped liquid will be at a maximum temperature of _____° F.

The pump casing shall be cast iron with smooth water passage and fitted with a bronze replaceable ring. The maximum casing working pressure shall be PSIG. Suction and discharge connections shall be (125 Lb. Class ANSI) (Equivalent to 125 Lb. ANSI flanged) (NPT) type. The impeller shall be bronze of a diameter of not greater than 90% of the casing cut-water diameter.

The sealing of the pump liquid cavity shall be with a face type mechanical seal with Ni-Resist stationary seat, carbon washer, Viton rubber flexible members, 18-8 stainless steel metal parts and 18-8 stainless steel spring. Seal to be rated for 250° F. and shall be mounted over a bronze shaft sleeve.

Motor shall be of close coupled design NEMA frame (open drip-proof) (totally enclosed fan-cooled) (explosion proof) rated at _____ HP, _____ RPM, _____ Volts, _____ Phase, _____ Hertz.

The motor shaft shall be carbon steel and of a size and design to limit shaft deflection at the stuffing box to no more than .002 inches. Motor bearing shall be grease lubricated and sized for a minimum of 20,000 hour L10 life which is equivalent to 100,000 hours average bearing life.



Typical Building Trades Specification

Pump shall be end suction type, flexible coupled, radially split case centrifugal type. Pump shall be equal to a Sterling Fluid Systems, (USA) Inc. Series F model.

Pump to be designed for _____US GPM at a total head of _____Feet. with an efficiency of not less than _____% at the specified condition. Pumped liquid will be at a maximum temperature of _____° F.

The pump casing shall be cast iron with smooth water passage and fitted with a bronze replaceable ring. The maximum casing working pressure shall be _____PSI. Suction and discharge connections shall be (125 Lb. Class ANSI)(Equivalent to 125 Lb. ANSI flanged) (NPT)type.

The impeller shall be bronze of a diameter not greater than 90% of the casing cut-water diameter.

The pump shaft shall be carbon steel of a size and design to limit shaft deflection at the stuffing box to no more than .002 inches. Pump bearings shall be grease lubricated and sized for a minimum of 20,000 hours, L10 life which is equivalent to 100,000 hours average bearing life. Motor and pump shall be aligned and mounted on a (steel base) (steel base with drip pan or drip rim). A coupling guard shall be furnished.

Sealing of the pump liquid cavity shall be with a face type mechanical seal with Ni-Resist stationary seat, carbon washer, Viton rubber flexible members, 18-8 stainless steel metal parts and 18-8 stainless steel spring. Seal to be rated for 250° F. Seal shall be mounted over a bronze shaft sleeve.

Pump shall be flexibly coupled to a NEMA frame (Open Drip-proof) (Totally Enclosed Fan-Cooled) (Explosion Proof) electric motor rated _____ HP, _____RPM, _____Volts, _____Phase, _____Hertz.

END SUCTION GENERAL SERVICE PUMPS
SERIES F - FRAME MOUNTED
SERIES PE, C - CLOSE COUPLED



Peerless Pump Company
Indianapolis, IN 46207-7026

PUMP STANDARDS F and C Units: Clockwise rotation when viewing pump discharge connection mounted in top vertical position. Cast Iron Bronze Fitted or All Iron (not all sizes) Construction. JP Style stuffing box with 3/8 in. square graphited packing, or, JM Style stuffing box with mechanical seal. **F Units:** Grease lubricated bearings minimum L10 bearing life exceeds 2 years at maximum load. Base mounted: Flexible coupling with elastomer type insert or sleeve, standard coupling guard, steel non-drip rim base with optional drip pan or drip rim. ①

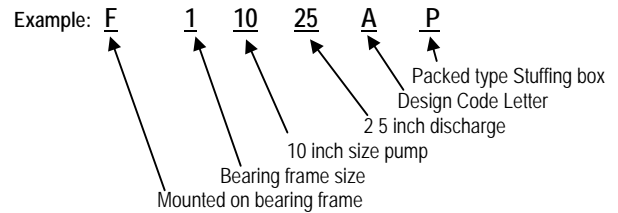
Pump Size	Max. Imp. Dia.	Min. Imp. Dia.	Max. Sphere Size	No. of Imp Vanes	Imp. Eye Area Sq. In.	Pump Suction Size ②	Pump Discharge Size ③
610A	6.0	4.0	.38	3	3.20	2.0 NPT	1.0 NPT
615A	6.0	4.0	.38	5	3.50	2.0 NPT	1.5 NPT
615J	6.0	4.0	.38	3	5.20	2.0 NPT	1.5 NPT
620A	6.0	4.0	.38	5	3.10	2.5 NPT	2.0 NPT
740	7.0	5.5	.65	6	12.9	5.0 FLG	4.0 FLG
810A	8.0	6.0	.31	6	3.10	2.0 NPT	1.0 NPT
810G	8.0	6.0	.21	6	3.10	2.0 NPT	1.0 NPT
815A	8.0	6.0	.31	6	3.10	2.0 NPT	1.5 NPT
815G	8.0	6.0	.21	6	3.10	2.0 NPT	1.5 NPT
820A	8.0	6.0	.25	8	4.90	2.5 NPT	2.0 NPT
825A	8.0	6.0	.50	6	6.50	3.0 FLG	2.5 FLG
830A	8.0	6.0	.62	6	9.10	4.0 FLG	3.0 FLG
840	8.0	6.0	.87	5	14.00	5.0 FLG	4.0 FLG
1020A	10.0	7.0	.25	6	3.90	2.5 FLG	2.0 FLG
1025A	10.0	7.0	.50	6	7.10	3.0 FLG	2.5 FLG
1030A	10.0	7.0	.62	6	9.60	4.0 FLG	3.0 FLG
1040A	10.0	7.0	.94	6	12.60	5.0 FLG	4.0 FLG
1050A	10.0	7.0	1.13	6	20.75	6.0 FLG	5.0 FLG
1125	10.5	8.0	.38	5	6.80	3.0 FLG	2.5 FLG
1140	10.5	8.0	.40	5	12.01	5.0 FLG	4.0 FLG
1215	12.0	9.0	.38	6	3.10	2.0 NPT	1.5 NPT
1220	12.0	9.0	.38	8	4.90	2.5 FLG	2.0 FLG
1230	12.0	9.0	.62	8	10.40	4.0 FLG	3.0 FLG
1240	12.0	9.0	.81	6	15.10	5.0 FLG	4.0 FLG
1250	12.0	9.0	1.00	6	18.10	6.0 FLG	5.0 FLG
1260A	12.0	9.0	1.12	8	50.00	8.0 FLG	6.0 FLG
1260G	12.0	9.0	.80	7	30.20	8.0 FLG	6.0 FLG
1425	14.0	10.0	.40	6	11.30	4.0 FLG	2.5 FLG
1430	14.0	10.0	.54	6	11.30	4.0 FLG	3.0 FLG
1430G	14.0	10.0	.40	6	11.30	4.0 FLG	3.0 FLG
1440	14.0	10.0	.72	6	16.90	5.0 FLG	4.0 FLG
1660	16.0	11.5	.75	8	32.00	8.0 FLG	6.0 FLG

PRESSURE/TEMPERATURE LIMITATIONS		
Pump Series or Type	Temperature °F	Maximum Working Pressure Psi
C & F-----M, C & F -----P and PE203 through PE838 ⑥	0 - 150	175 (250 ⑦)
	151 - 200	165 (230 ⑦)
	201 - 250	155 (215 ⑦)
PE33B, 50B, 75C, 100C, 150C	0 - 160	75

⑥ Maximum suction pressure is 100 psi.
⑦ 1125 and 1140 with 250 Lb ANSI Discharge Flange only.

Model Designation.

Prefix Letter (& number)
F = Series F frame mounted pump
0, 1, 2, 3, 4 = F Series frame size
C = Series C close coupled pump
Middle numbers
First or first set of two = Basic pump size by maximum impeller diameter
Second set of two = Discharge size In inches
Suffix Letters:
A = Design code letter
P = Packed type stuffing box
M = Mechanical seal type stuffing box



SERIES C - CLOSE COUPLED PUMP DATA

Basic Pump	Motor Frame	Style M - Mechanical Seal			Style P - Packing ④							
		Motor Shaft Extension	Shaft Dia. Impeller	Shaft Sleeve Dia Seal	Motor Shaft Extension	Shaft Dia. Impeller	Shaft Sleeve Dia. Packing	Stuffing Box		Packing Ring Quantity	Lantern Ring Quantity	
PE	56J	56J	7/16-20UNF	.625 (Shaft Dia no sleeve)	-	-	-	-	-	-	-	-
PE ⑤	143-215	JM	.875	1.25	-	-	-	-	-	-	-	-
6 Through 14	143-184	JM	.875	1.25	JP	.875	1.25	2.03	2.62	6	Standard without Lantern ring ④	
	213-215	JM	.875	1.25	JP	1.250	1.75	2.50	2.62	6		
	254-326	JM	1.250	1.50	JP	1.250	1.75	2.50	2.62	6		
14	364	JP	1.625	2.25	JP	1.625	2.25	3.00	3.00	6		

SERIES F - FRAME MOUNTED PUMP DATA

Bearing Frame	Shaft Dia. through		Style M - Mechanical Seal Shaft Sleeve Dia.	Style P - Packing ④				Bearing Reference Number New Departure		
	Impeller	Coupling		Shaft Sleeve Dia.	Stuffing Box		Packing Ring Quantity	Lantern Ring Quantity	Inboard	Outboard
F1	0.875	1.125	1.25	1.25	2.03	2.62	6	-	ND3206	ND43207
F2	1.250	1.250	1.50	1.75	2.50	2.62	6	-	ND1209	ND43308
F3-----M	1.250	1.875	1.50	-	-	-	-	Standard without ring ④	ND1212	ND43311
F3-----P	1.625	1.875	-	2.25	3.00	3.00	6		ND1212	ND43311
F4	1.625	1.875	2.25	2.25	3.00	3.00	6		U1212TM	ND45311

① Refer to page 1 Section 2320 for maximum shaft speed for Series F pumps. ② Suction Flange is equivalent to 125 Lb. ANSI connection and rating

③ Discharge Flange Is 125 Lb. ANSI dimensions and ratings, 250 Lb ANSI available only on 1125 and 1140 models.

④ For suction lift applications optional lantern ring and stuffing box wafer seal piping are required with a quantity of 5 packing rings.

⑤ PE203-583 Is same as 615A pump with 610A impellers, PE753, 783 same as 615A pump, PE833-838 same as 810A pump.

Subject to change without notice



IMPELLER CLEARANCE AND CUTWATER DIAMETERS IN INCHES

C & F PUMP MODEL	100%	90%	85%	75%
610A	6.56	5.90	5.57	4.92
615A	6.52	5.87	5.54	4.89
615J	6.52	5.87	5.54	4.89
620A	6.60	5.94	5.61	4.95
740	7.50	6.75	6.38	5.62
810A	8.28	7.45	7.04	6.21
810G	8.28	7.45	7.04	6.21
815A	8.28	7.45	7.04	6.21
815G	8.28	7.45	7.04	6.21
820A	8.62	7.76	7.32	6.47
825A	8.88	7.99	7.55	6.66
830A	8.88	7.99	7.55	6.66
840	8.75	7.87	7.44	6.56
1020A	11.05	9.94	9.39	8.29
1025A	11.00	9.90	9.35	8.25
1030A	10.84	9.75	9.21	8.13
1040A	11.15	10.03	9.48	8.36
1050A	10.66	9.59	9.06	7.99
1125	10.84	9.75	9.21	8.13
1140	11.12	10.00	9.45	8.34
1215A	12.81	11.52	10.89	9.61
1220A	13.08	11.77	11.18	9.81
1230A	13.00	11.70	11.05	9.75
1240A	12.84	11.56	10.91	9.63
1250A	13.22	11.90	11.24	9.92
1260A	12.68	11.41	0.78	9.51
1260G	13.00	11.70	11.05	9.75
1425	14.64	13.18	12.44	10.98
1430	14.94	13.45	12.70	11.21
1430G	14.94	13.45	12.70	11.21
1440	15.22	13.70	12.94	11.42
1660	16.36	14.72	13.91	12.27

NOTE:

The 100% column represents the equivalent casing cast tongue diameter. The 90 - 85 - 75% columns represent the impeller diameter to casing tongue diameter clearance ratio.

REFERENCE NO. 4850347

Subject to change without notice

BLANK



**END SUCTION GENERAL SERVICE PUMPS
SERIES F - FRAME MOUNTED**

Maximum Shaft Speed for Series F Pumps

Pump Series Type & Style	Electric Motor Direct Coupled Nominal rpm	V- Belt Drive 5" Dia. Pulley on Pump Shaft Max. Pump Rpm ①	Jack shaft and Pulley, or Direct Coupled Engine Max. Pump Rpm ①
F1610AM, P	3500	4400	4900
F1615AM, P	3500	4100	4500
F1615JM, P	3500	4100	4500
F1620AM, P	3500	3280	3500
F1740M, P	1750	1730	1750
F2740M, P	3500	3050	3500
F1810AM	3500	-	-
F2810AM, P	3500	3250	3500
F1810GM, P	3500	3100	3500
F1815AM	3500	3050	3500
F2815AP	3500	3150	3500
F1815GM, P	3500	3000	3500
F1820AP	1750	-	1750
F1820AM	3500	-	-
F2820AM, P	3500	2950	3500
F1825AM, P	1750	-	1750
F2825AM, P	3500	3180	3500
F1830AM, P	1750	-	1750
F2830AM, P	3500	3040	3500
F1840AM, P	1750	1730	1750
F11020AM, P	1750	2105	2300
F21020AM, P	3500 ①	3100	3500
F11025AM, P	1750	1670	1900
F21025AM, P	1750	2750	2900
F11030AM, P	1750	1500	1750
F21030AM, P	1750	2700 ②	2900 ②
F21030AM, P	1750	2540 ③	2600 ③
F21040AM, P	1750	1685	2000
F21050AM, P	1750	1600	1750
F21125M, P	3500	2700	2900
F31140M, P	3500	2700	2900
F21215AM, P	1750	2300	3100
F21220AM, P	1750	2040	3000
F21230AM, P	1750	1660	2065
F21240AM, P	1750	1440	1765
F21250AM, P	1750	1220	1750
F41260AM, P	1750	1800	1900
F31260GM, P	1750	1800	1900
F31425M, P	1750	2000	2400
F41425P	1750	2500	2500
F31430M, P	1750	2000	2300
F41430P	1750	2500	2500
F31430GM, P	1750	2000	2300
F41430GP	1750	2500	2500
F31440M, P	1750	1800	2200
F41440P	1750	2400	2400
F31660P	1750	-	1800
F41660P	1750	1600	1800

① Do not use for building trades applications ② 9.4" maximum impeller diameter ③ 10.0" maximum impeller diameter

LIMITATIONS FOR USE:

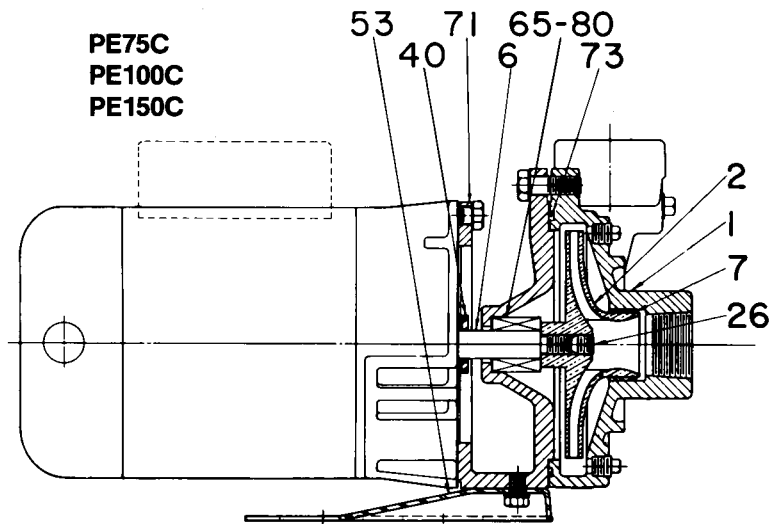
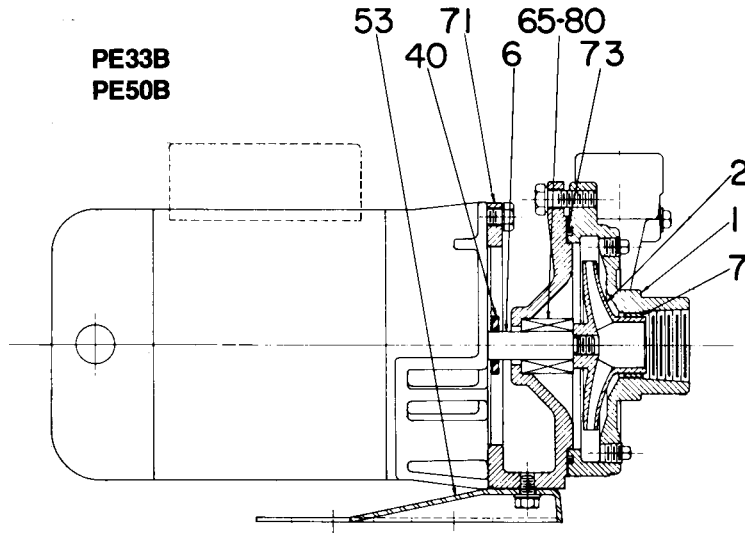
1. The casing maximum working pressure must not be exceeded due to RPM or suction pressure (refer to page 0.4 of Section 2320 for maximum pressures).
2. The above data are based upon liquids with 1.0 specific gravity and adequate NPSHA.
3. Speeds shown are based upon full diameter impellers (except where shown) and bearing frames indicated
4. Calculated L10 bearing life is equal to or greater than 17,500 hours (2 years).

Subject to change without notice

**END SUCTION GENERAL SERVICE PUMPS
 SERIES PE - CLOSE COUPLED**



Peerless Pump Company
 Indianapolis, IN 46207-7026

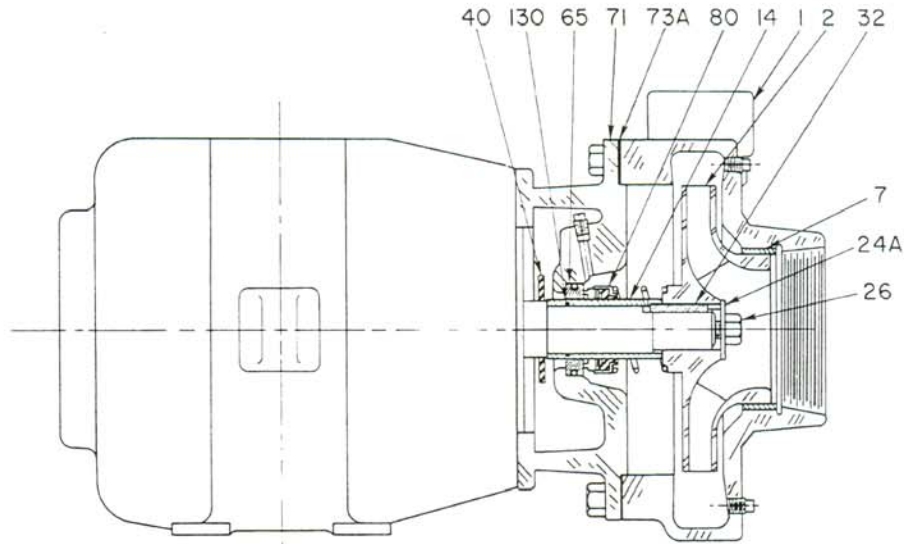


Materials of Standard Construction

Item No.	Part Description	Material Description	
1	Casing	Cast Iron	
2	Impeller	Bronze	
6	Shaft	11-13% Cr. Stainless. Steel	
7	Casing Ring	Bronze	
26	Impeller Lock Screw	18-8 Stainless Steel	
40	Deflector	Rubber	
53	Base	Steel	
65	Mechanical Seal Seat	Ceramic	
71	Adapter	Cast Iron	
73	Casing "O" Ring	Rubber	
80	Mechanical Seal Rotary Parts	Flexible	Rubber
		Metal	Brass
		Washer	Carbon
		Spring	18-8 Stainless. Steel



END SUCTION PUMPS
Type PE — Close Coupled
— Mechanical Seal —



PE203, 283, 303, 383, 503, 583, 753, 783
PE833, 834, 835, 836, 837, 838

Standard Materials of Construction

Item No.	Part Description	Material Description	
1	Casing	Cast Iron	
2	Impeller, PE203 Through PE783	Bronze	
2	Impeller, PE833 Through PE838	Bronze	
7	Casing Ring	Bronze	
14	Shaft Sleeve	Bronze	
24A	Impeller Washer	18-8 Stainless Steel	
26	Impeller Lock Screw	18-8 Stainless Steel	
32	Impeller Key	Steel	
40	Deflector	Rubber	
65	Mechanical Seal Seat	Ni-Resist	
71	Adapter	Cast Iron	
65	Mechanical Seal Seat	Ni-Resist	
73A	Casing Casket	Vegetable Fiber	
80	Mechanical Seal Rotary Parts	Flexible	Buna Rubber
		Metal	18-8 Stainless Steel
		Spring	18-8 Stainless Steel
		Bellows	Buna Rubber
130	Shaft Sleeve "O" Ring	Buna-N Rubber	

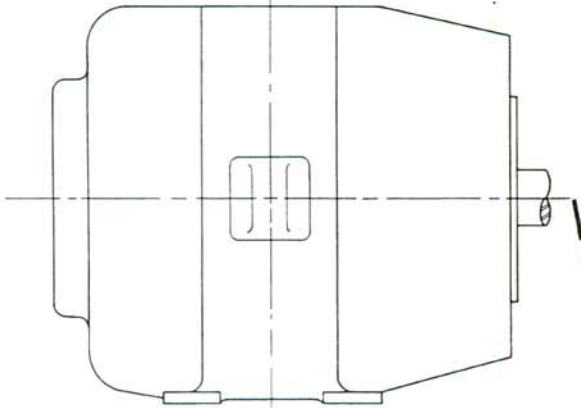
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Rev. 12-86

END SUCTION PUMPS
Series C — Close Coupled, Series F — Frame Mounted
Style M — Mechanical Seal, Style P — Packed



SEE PAGE 10 OF SECTION
 2320 FOR MATERIALS OF
 CONSTRUCTION

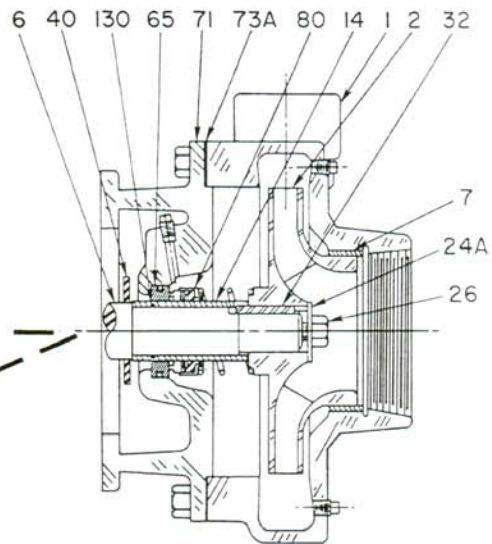
SERIES C PUMPS
 JM and JP Motors



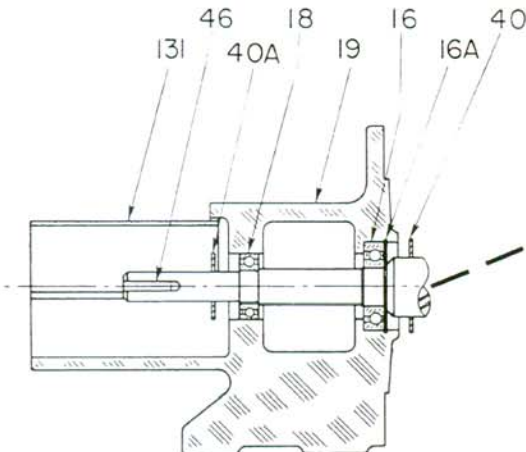
SERIES C AND F1, STYLE M, TYPES:
 610A, 615A, 620A, 810A, 820A

SERIES F0, STYLE M (1750 RPM ONLY), TYPES:
 610A, 615A, 620A, 810A, 820A

SERIES C AND F2, STYLE M (1750 RPM MAX.), TYPES:
 1215A

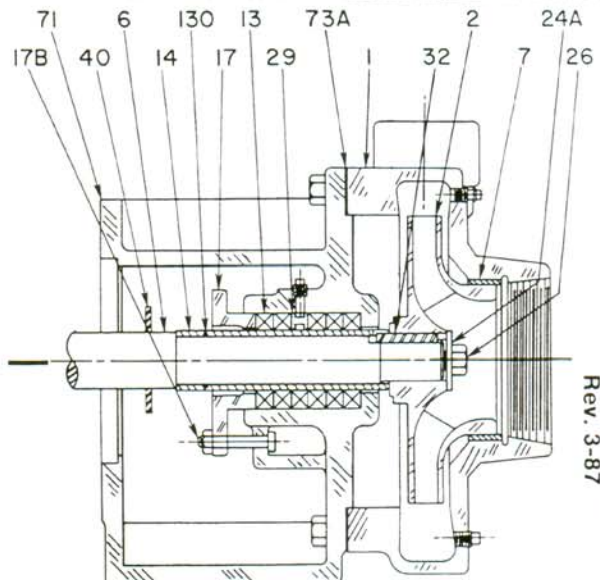


SERIES F PUMPS
 FO Frame (Style M Only)

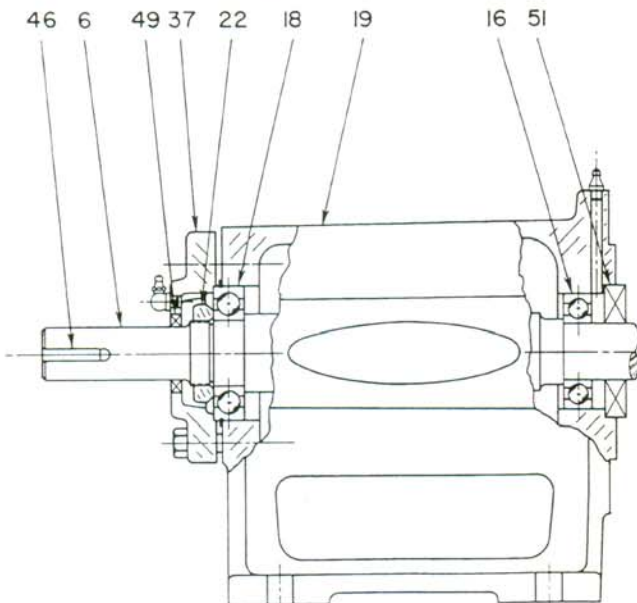


SERIES C AND F1, STYLE P, TYPES:
 610A, 615A, 620A, 810A, 820A

SERIES F2, STYLE P, TYPES:
 810A, 820A (3500 RPM Only); 1215 A



SERIES F PUMPS
 F1 and F2 Frames



File 4851159-B
 Rev. 3-87



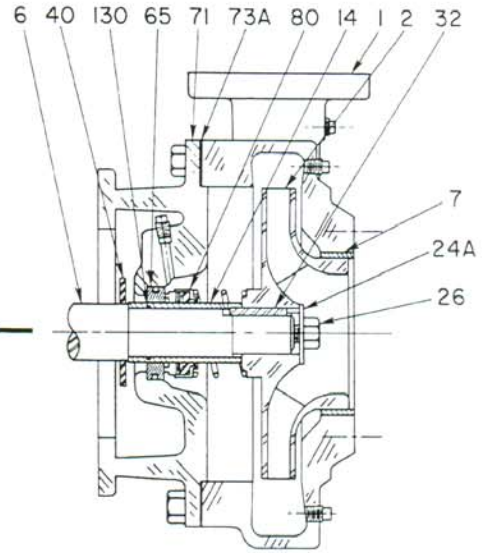
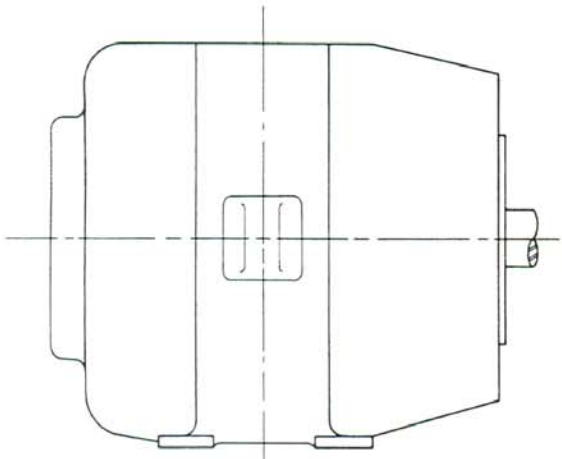
END SUCTION PUMPS
Series C — Close Coupled, Series F — Frame Mounted
Style M — Mechanical Seal, Style P — Packed

SEE PAGE 10 OF SECTION 2320
FOR MATERIALS OF CONSTRUCTION

SERIES C AND F1, STYLE M (1750 RPM MAX.), TYPES:
825A, 830A, 840, 1020A, 1025A, 1030A

SERIES C AND F2, STYLE M (1750 RPM MAX.), TYPES:
1040A, 1050A, 1220A, 1230A

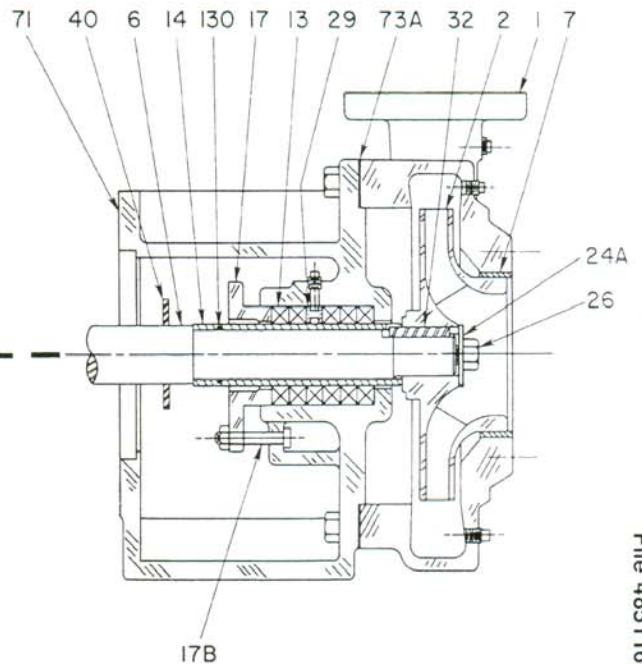
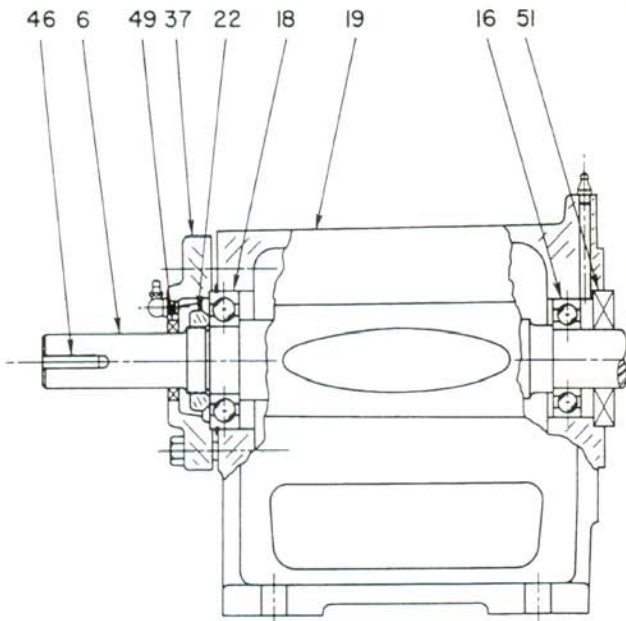
SERIES C PUMPS
JM and JP Motors



SERIES C AND F1, STYLE P (1750 RPM MAX.), TYPES:
825A, 830A, 840, 1020A, 1025A, 1030A

SERIES C AND F2, STYLE P (1750 RPM MAX.), TYPES:
1040A, 1050A, 1220A, 1230A

SERIES F PUMPS
F1 and F2 Frames



File 4851160-B

END SUCTION PUMPS
Series C — Close Coupled, Series F — Frame Mounted
Style M — Mechanical Seal, Style P — Packed

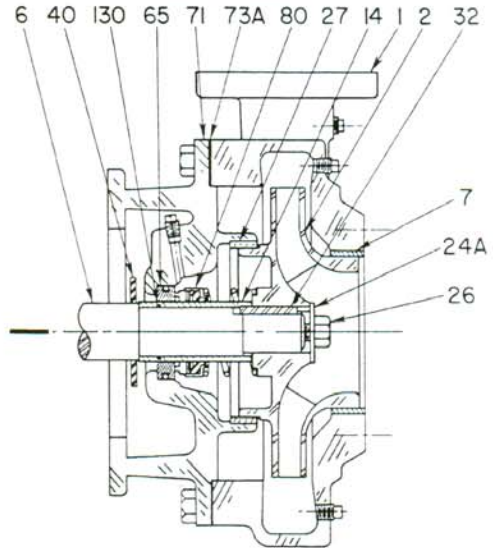
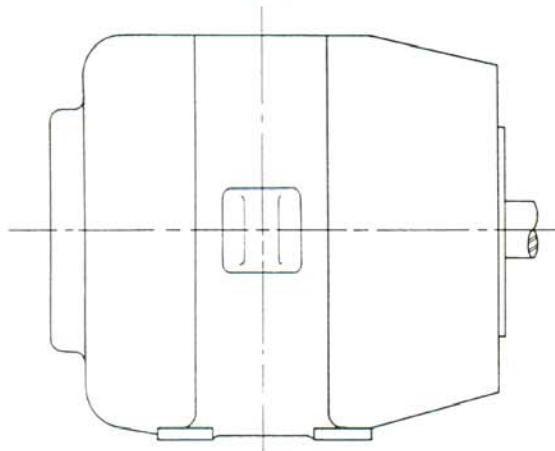


SEE PAGE 10 OF SECTION 2320
 FOR MATERIALS OF CONSTRUCTION

SERIES C AND F2, STYLE M (3500 RPM ONLY), TYPES:
 825A, 830A

SERIES C AND F2, STYLE M (1750 RPM MAX.), TYPES:
 1240A, 1250A

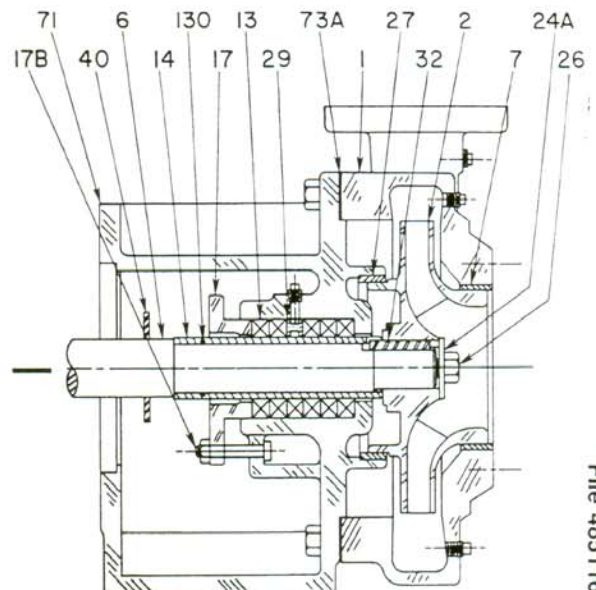
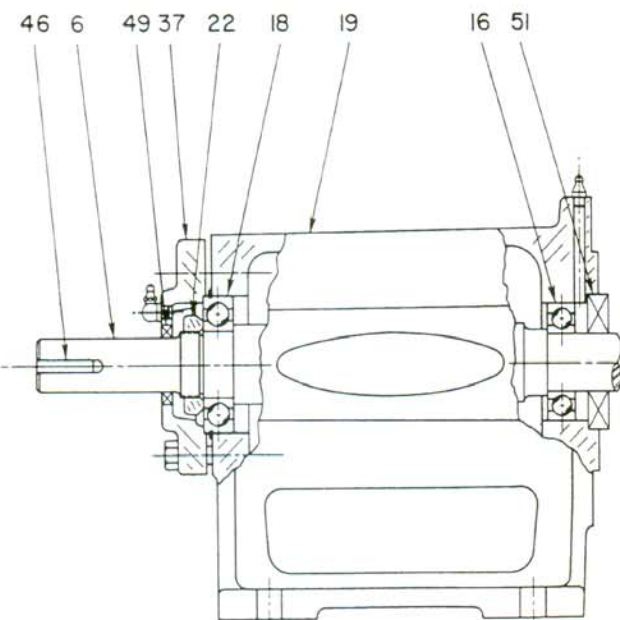
SERIES C PUMPS
 JM and JP Motors



SERIES C AND F2, STYLE P (3500 RPM ONLY) TYPES:
 825A, 830A

SERIES C AND F2, STYLE P (1750 RPM MAX.), TYPES:
 1240A, 1250A

SERIES F PUMPS
 F2 Frame



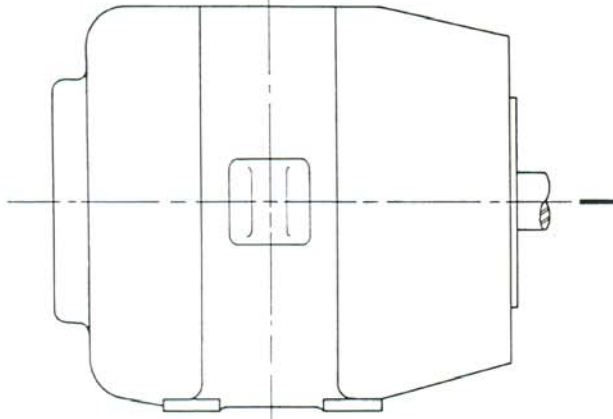
File 4851161-B



END SUCTION PUMPS

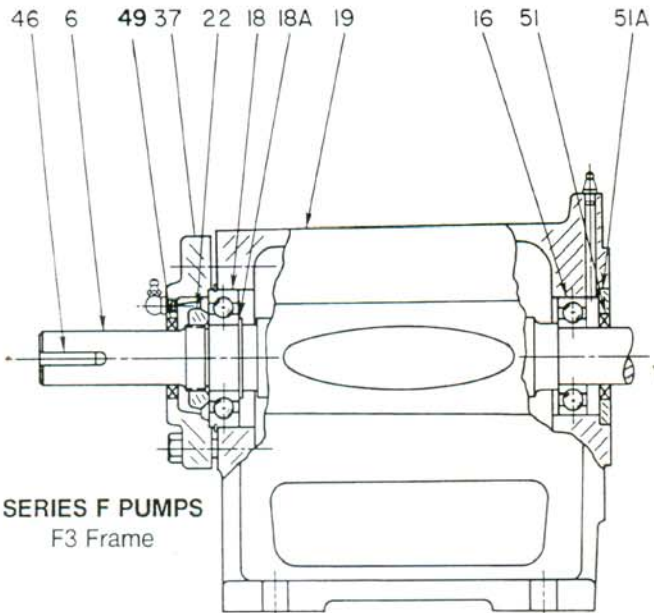
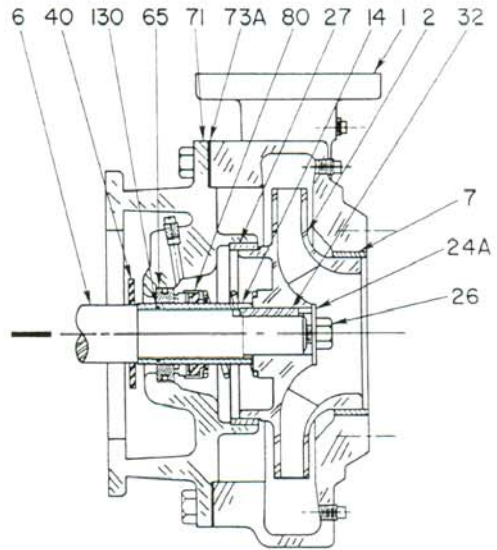
Series C — Close Coupled, Series F — Frame Mounted
Style M — Mechanical Seal, Style P — Packed

SERIES C PUMPS
JM and JP Motors



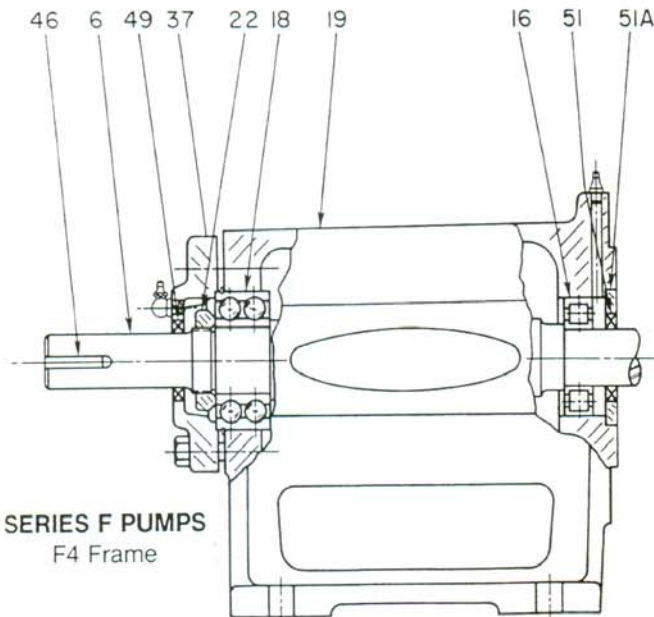
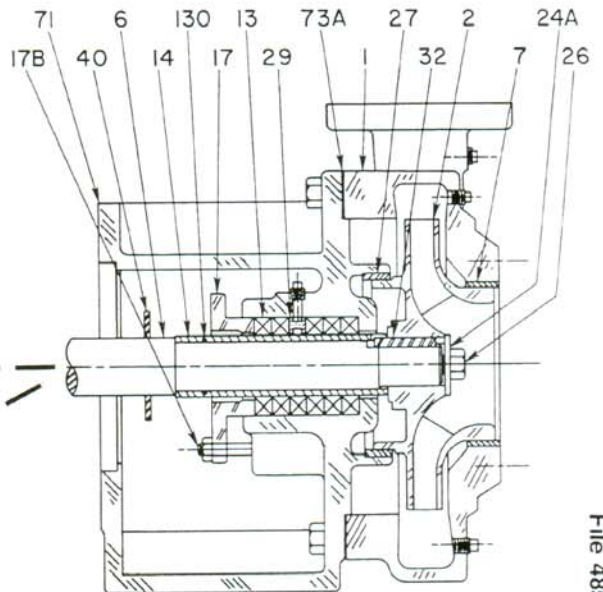
SEE PAGE 10 OF SECTION 2320
FOR MATERIALS OF CONSTRUCTION

SERIES C AND F3, STYLE M, TYPES:
1425, 1430, 1440



SERIES F PUMPS
F3 Frame

SERIES C, F3 AND F4, STYLE P, TYPES:
1425, 1430, 1440



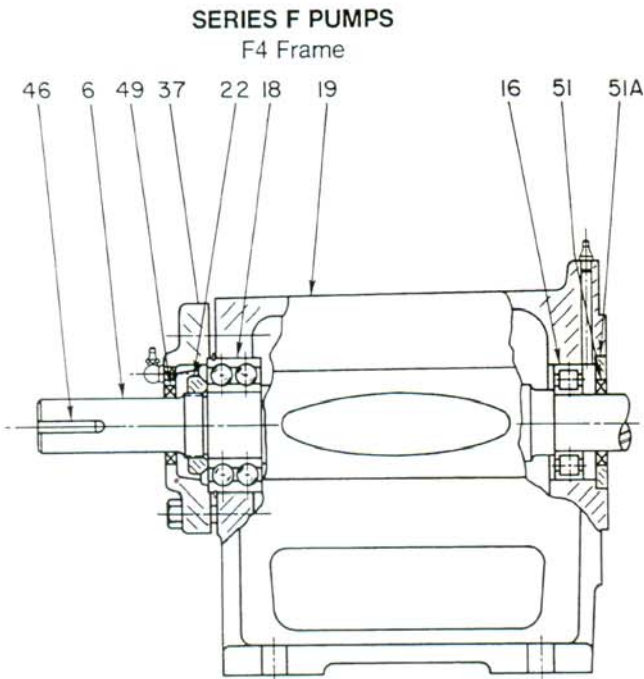
SERIES F PUMPS
F4 Frame

File 4851162-B

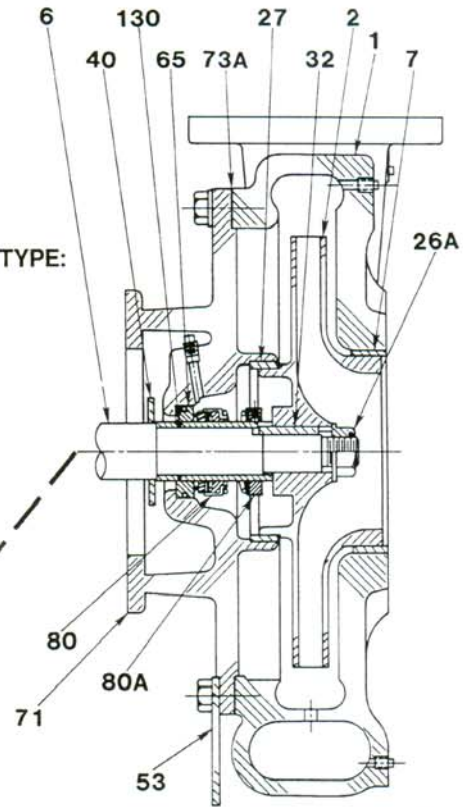
END SUCTION PUMPS
Series F — Frame Mounted
Style M — Mechanical Seal, Style P — Packed



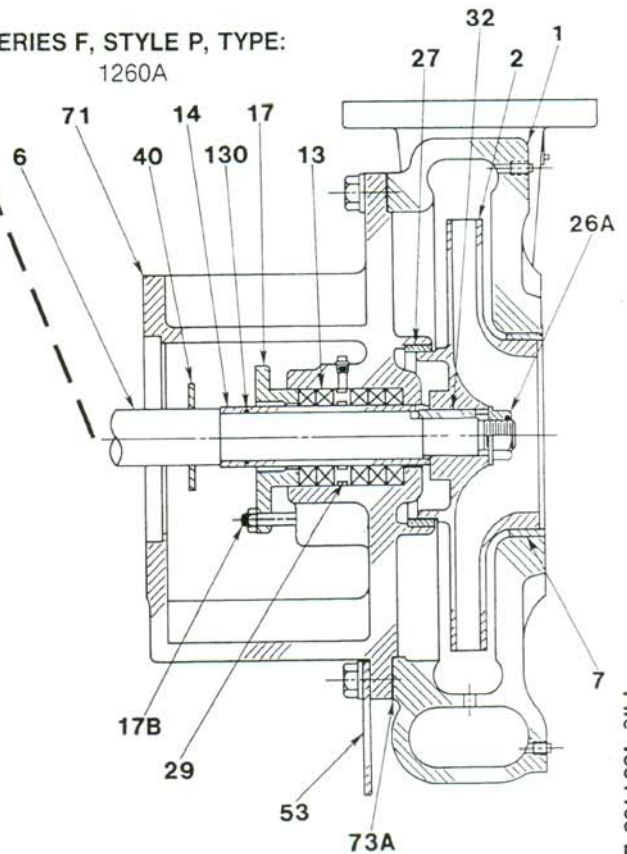
SEE PAGE 10 OF SECTION 2320
 FOR MATERIALS OF CONSTRUCTION



SERIES F, STYLE M, TYPE:
 1260A



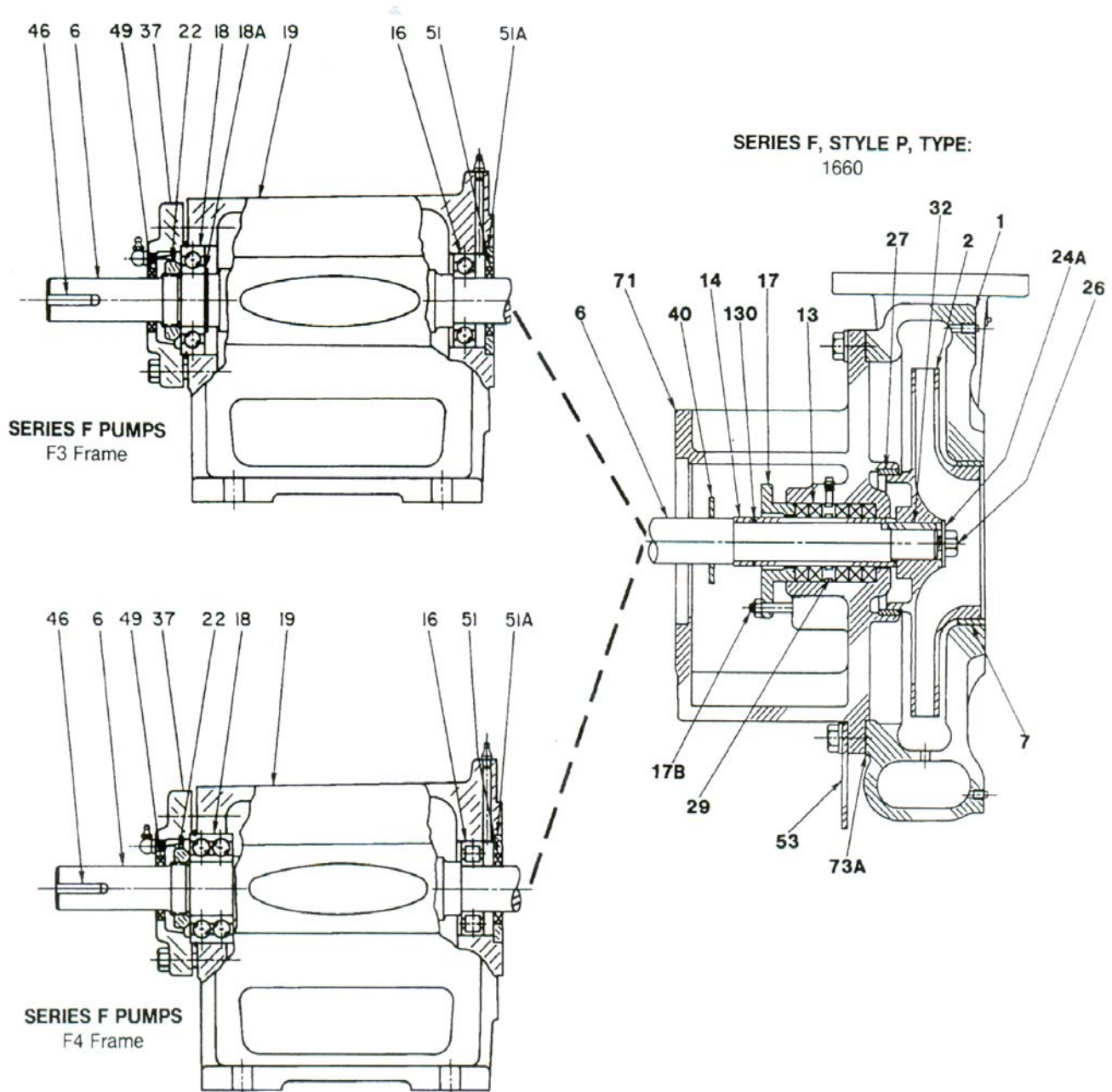
SERIES F, STYLE P, TYPE:
 1260A



File 4851163-B



END SUCTION GENERAL SERVICE PUMPS
SERIES F - FRAME MOUNTED
Style P Packed



**See Page 10 of Section 2320 for
Materials of Construction**

END SUCTION GENERAL SERVICE PUMPS
SERIES F - FRAME MOUNTED
SERIES C - CLOSE COUPLED
Style M Mechanical Seal - Style P Packed



Peerless Pump Company
Indianapolis, IN 46207-7026

Standard Materials Of Construction

Item No.	Description		Bronze Fitted	All Iron
1	Casing		Cast Iron	Cast Iron
2	Impeller		Bronze	Cast Iron
6	Shaft		Steel (Optional 416 Stainless Steel)	416 Stainless Steel
7	Casing Ring		Bronze	Steel
13	Packing Ring	143-184JP	Graphited Braided Acrylic	Graphited Braided Acrylic
		213-364JP	Graphited Braided TFE	Graphited Braided TFE
14	Shaft Sleeve		Bronze (Optional 416 Stainless Steel)	416 Stainless Steel
16	Inboard Bearing		Steel Assembly	Steel Assembly
16A	Bearing Retaining Ring		Plated Steel	Plated Steel
17	Packing Gland		Cast Iron	Cast Iron
17B	Gland Bolt or Stud		Steel	Steel
17C	Gland Bolt Nut		Plated Steel	Plated Steel
17D	Gland Bolt Washer		Plated Steel	Plated Steel
18	Outboard Bearing		Steel Assembly	Steel Assembly
18A	Bearing Retaining Ring		Steel	Steel
19	Bearing Frame		Cast Iron	Cast Iron
22	Bearing Lock Nut		Steel	Steel
24A	Impeller Washer		18-8 Stainless Steel	18-8 Stainless Steel
26	Impeller Lock Screw		Nylon/18-8 Stainless Steel	Nylon/18-8 Stainless Steel
26A	Impeller Lock Nut		Nylon/Plated Steel	Nylon/Plated Steel
27	Adapter Ring		Bronze	Steel
29	Lantern Ring(optional)	143-184JP, F1	TFE Polymer	TFE Polymer
		213-365JP F2, F3, F4	Bronze	Cast Iron
32	Impeller Key		Steel	Steel
37	Outboard Bearing Cover		Cast Iron	Cast Iron
40	Inboard Deflector		Rubber	Rubber
40A	Outboard Deflector		Rubber	Rubber
46	Coupling Key		Steel	Steel
49	Outboard Bearing Grease Retainer		Rubber/Steel Assembly	Rubber/Steel Assembly
51	Inboard. Bearing Grease Retainer		Rubber/Steel Assembly	Rubber/Steel Assembly
51A	Grease Retainer Bushing		Steel	Steel
53	Casing Support		Steel	Steel
63	Lantern Ring Bushing	213-365JP F2, F3, F4	Bronze	Cast Iron
65	Mechanical Seal Seat		Ni-Resist	Ni-Resist
65A	Mechanical Seal Seat "O" Ring		Viton®	Viton®
71	Adapter		Cast Iron	Cast Iron
73A	Casing Gasket		Vegetable Fiber	Vegetable Fiber
80	Mechanical Seal Rotary Parts	Flexible	Viton®	Viton®
		Metal	18-8 Stainless Steel	18-8 Stainless Steel
		Spring	18-8 Stainless Steel	18-8 Stainless Steel
		Washer	Carbon	Carbon
80A	Mechanical Seal Collar	364-JP, F3, F4	18-8 Stainless Steel	18-8 Stainless Steel
130	Shaft Sleeve "O" Ring		Viton®	Viton®

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