

REPAIR PARTS
RAC1500 R1



Series A-C 1500

IN-LINE MOUNTED CENTRIFUGAL PUMPS REPLACEMENT PARTS

 **GOULDS**
WATER TECHNOLOGY
a xylem brand

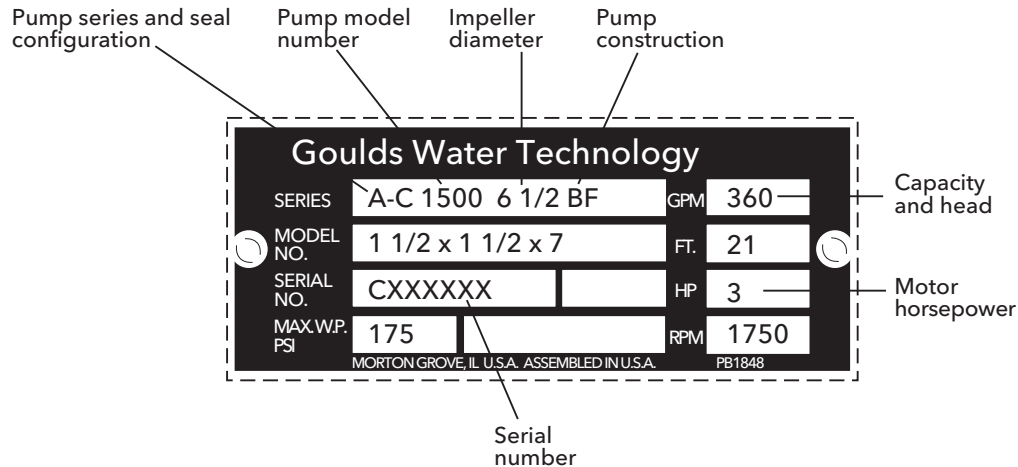
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SERIES A-C 1500 PARTS LIST

How to use this PARTS LIST

The pump nameplate identifies the pump by pipe size, seal configuration, pump construction and impeller diameter as shown below.



The nameplate identifies the pump in the example as a Series A-C 1500 with a “-S” seal and Bronze Fitted (BF) construction. The pump is listed in the parts list by its maximum impeller diameter and would be called a 1½ x 1½ x 7 pump. The actual impeller size for the example pump is 6½” as shown above.

The Series A-C 1500 pump is furnished with both “Standard Seal” or “Stuffing Box” construction. The “Standard Seal” pump has no seal designation after the Series Number in the nameplate; if the example pump were of the “Standard Seal” construction the nameplate would show it to be an A-C 1500 6½ BF pump.

The “Stuffing Box” model has three positive seal configurations:

Series A-C 1500-S	Single Seal	Series A-C 1500 PF	Packing Rings
Series A-C 1500-D	Double Seal		Flush (Lantern) Ring

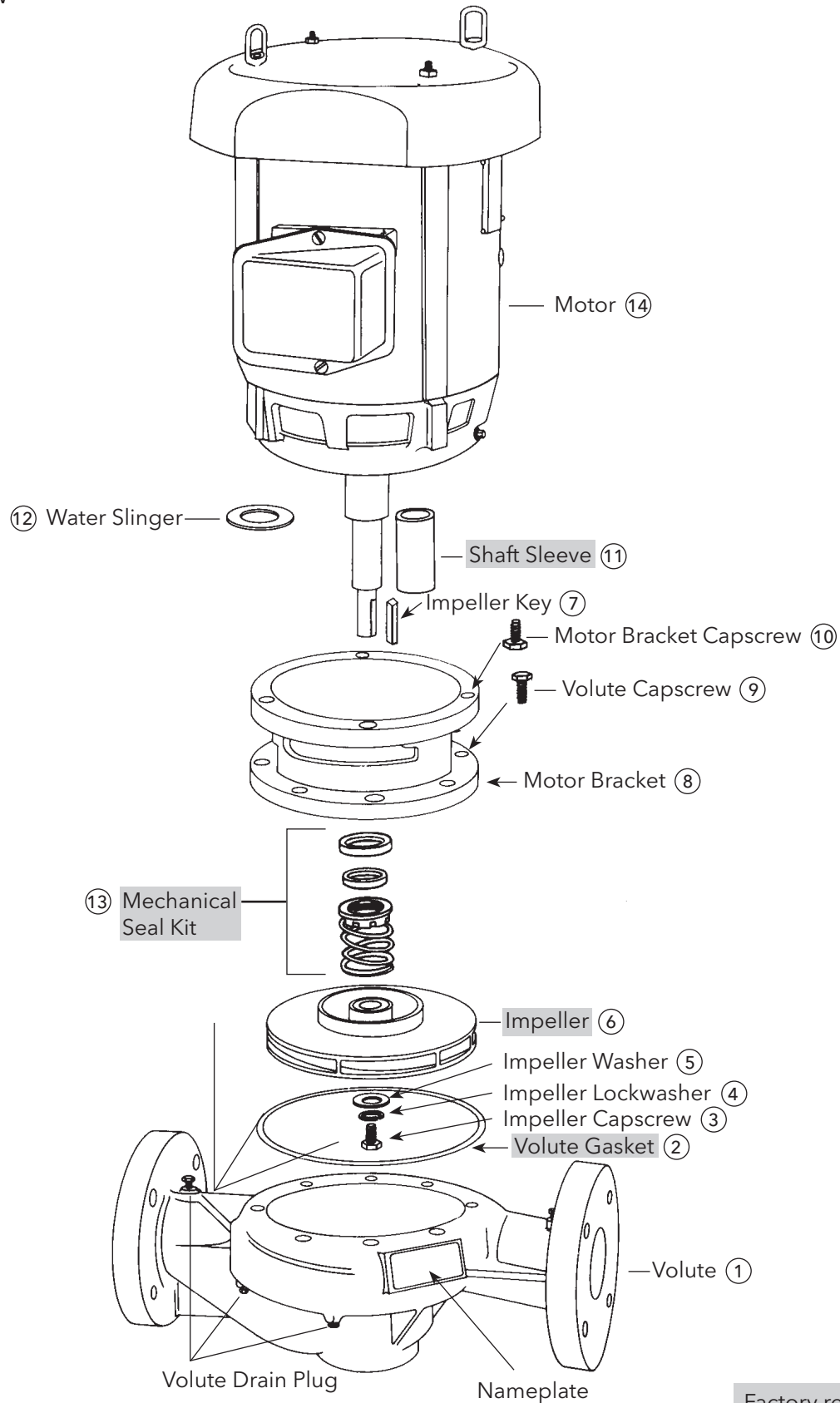
The motor shaft size, depending on motor horsepower, may be either 1¼” or 1⅝” in diameter. The shaft size is measured at the point where the shaft enters the volute coverplate and affects the selection of the seal, shaft sleeve, water slinger and volute coverplate as indicated in the parts list.

Following the procedure below will result in proper parts selection:

1. Determine from the nameplate the pump size, seal configuration, pump construction and impeller diameter.
2. Measure shaft diameter.
3. Refer to the index for the page number of the parts list for the pump involved.
4. Find the proper column in the parts list for the pump construction involved.
5. Select part numbers, using the drawings on page 4 or 5 for identification. Where shaft diameter affects parts selection, use the measurement secured in step 2.
6. Motor brackets vary with motor frame sizes. Secure the motor frame number from the motor nameplate and use to select the proper motor bracket. Always give complete motor nameplate data when ordering replacement motors.

STANDARD SEAL CONSTRUCTION

Exploded View



Factory recommended
spare parts.

The diagram illustrates the assembly of the Series 8000 pump, showing the following components and their assembly sequence:

- Motor Bracket (8)**: The main housing for the motor.
- Motor Bracket Capscrew (10)**: Used to secure the motor bracket.
- Packing Type Seal**: A seal used to prevent leakage from the motor bracket.
- Packing Gland Nut (27)**, **Packing Gland Washer (28)**, and **Packing Gland Capscrew (26)**: Components used to secure the packing gland.
- Packing Gland (25)**: The gland used to hold the packing rings in place.
- Mechanical Seals**:
 - Series 80S Single Seal**: Consists of a **Seal Cap (18)**, **Seal Cap Gasket (19)**, and **Seal Assy (17)**.
 - Series 80D Double Seal**: Consists of two **Seal Assys (17)**.
- Seal Cap Nut (20)**, **Seal Cap Washer (21)**, and **Seal Cap Capscrew (22)**: Components used to secure the seal cap.
- Packing Assy**: Consists of **2 Packing Rings (23)**, a **Lantern Ring (24)**, and **2 Packing Rings (23)**.
- Series 80PF**: The pump frame.
- Volute Cover Plate Capscrew (16)**, **Flush Tube Fitting**, and **Volute Capscrew (9)**: Components used to secure the volute cover plate.
- Volute Cover Plate (15)**: The plate that covers the volute.

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SERIES A-C 1500 PARTS LIST

1½ X 1½ X 7 PUMPS

ITEM NO.	DESCRIPTION	PUMP CONSTRUCTION			
		ALL IRON	BRONZE FITTED		
			STANDARD	W/WEAR RING	W/EPT SEAL

PARTS COMMON TO BOTH TYPES

6	Impeller (State Diameter)	P85410	P85456	P85456	P85456
3	Impeller Capscrew	P52350	P52350	P52350	P52350
4	Impeller Lockwasher	J23874	J23874	J23874	J23874
5	Impeller Washer	P46381	P46390	P46390	P46390
7	Impeller Key	P49369	P49369	P49369	P49369
1	Volute	N/A	N/A	N/A	N/A
	Wear Ring	–	–	P46700	–
	Volute Drain Plug ¼" (3)	P39050	P39040	P39040	P39040
	Volute Drain Plug ⅜" (3)	P39030	P39020	P39020	P39020
9	Volute Capscrew (8)	P40020	P40020	P40020	P40020
2	Volute Gasket	P57700	P57700	P57700	P57700
12	Water Slinger	P53550	P53550	P53550	P53550

PARTS FOR STANDARD SEAL CONSTRUCTION

8	Motor Bracket – Motor Frames 143JM-145JM, 182JM-184JM	186526	186526	186526	186526
10	Motor Bracket Capscrew for Above (4)	P40020	P40020	P40020	P40020
8	Motor Bracket – Motor Frames 213JM-215JM	186528	186528	186528	186528
10	Motor Bracket Capscrew for Above (4)	K03600	K03600	K03600	K03600
13	Seal Kit	186860	186862LF	186862LF	186861LF
11	Shaft Sleeve Kit	185025	185024LF	185024LF	185024LF

PARTS FOR STUFFING BOX CONSTRUCTION

8	Motor Bracket	P85023	P85023	P85023	Not Offered
10	Motor Bracket Capscrew (4)	P40020	P40020	P40020	
15	Volute Coverplate	P85027	P85027	P85027	
16	Volute Coverplate Capscrew (4)	P52320	P52320	P52320	
	Packing	See Table C or D, Page 30			
	Single Seal Components	See Table A, Page 30			
	Double Seal Components	See Table B, Page 30			
	Shaft Sleeve	See Table A, B, C, or D, Page 30			
1	Volute – 250 PSI Operation for PF and S Seals Only	N/A	N/A	N/A	

N/A – NO LONGER AVAILABLE

IF A VOLUTE IS REQUIRED, BOTH VOLUTE AND IMPELLER MUST BE REPLACED TO MAKE A CURRENT STYLE PUMP.

– Factory recommended spare parts.

SERIES A-C 1500 PARTS LIST

1½ X 1½ X 7B PUMPS

ITEM NO.	DESCRIPTION	PUMP CONSTRUCTION			
		ALL IRON	BRONZE FITTED		
			STANDARD	W/WEAR RING	W/EPT SEAL

PARTS COMMON TO BOTH TYPES

6	Impeller (State Diameter)	P85560	P85518	P85518	P85518
3	Impeller Capscrew	P52350	P52350	P52350	P52350
4	Impeller Lockwasher	J23874	J23874	J23874	J23874
5	Impeller Washer	P46381	P46390	P46390	P46390
7	Impeller Key	P49369	P49369	P49369	P49369
1	Volute	P85304	P85304	*P85600	P85304
	Wear Ring	–	–	P46700	–
	Volute Drain Plug ¼" (5)	P39050	P39040	P39040	P39040
9	Volute Capscrew (8)	P40020	P40020	P40020	P40020
2	Volute Gasket	P57700	P57700	P57700	P57700
12	Water Slinger	P53550	P53550	P53550	P53550

PARTS FOR STANDARD SEAL CONSTRUCTION

8	Motor Bracket – Motor Frames 143JM-145JM, 182JM-184JM	186526	186526	186526	186526
8	Motor Bracket – F Construction Motor Frames 143JM-145JM, 182JM-184JM	–	P90523	P90523	P90523
10	Motor Bracket Capscrew for Above (4)	P40020	P40020	P40020	P40020
8	Motor Bracket – Motor Frames 213JM-215JM	186528	186528	186528	186528
8	Motor Bracket – F Construction Motor Frames 213JM-215JM	–	P90524	P90524	P90524
13	Seal Kit	186860	186862LF	186862LF	186861LF
11	Shaft Sleeve Kit	185025	185024LF	185024LF	185024LF

PARTS FOR STUFFING BOX CONSTRUCTION

8	Motor Bracket	P85023	P85023	P85023	Not Offered
10	Motor Bracket Capscrew (4)	P40020	P40020	P40020	
15	Volute Coverplate	P85027	P85027	P85027	
16	Volute Coverplate Capscrew (4)	P52320	P52320	P52320	
	Packing	See Table C or D, Page 30			
	Single Seal Components	See Table A, Page 30			
	Double Seal Components	See Table B, Page 30			
	Shaft Sleeve	See Table A, B, C, or D, Page 30			
1	Volute – 250 PSI Operation for PF and S Seals Only	P85305	P85305	*P85601	

*Includes Wear Ring

– Factory recommended spare parts.

SERIES A-C 1500 PARTS LIST

1½ X 1½ X 9½ PUMPS

ITEM NO.	DESCRIPTION	PUMP CONSTRUCTION			
		ALL IRON	BRONZE FITTED		
			STANDARD	W/WEAR RING	W/EPT SEAL

PARTS COMMON TO BOTH TYPES

6	Impeller (State Diameter) 1¼" Shaft	P85561	P85519	P85519	P85519
6	Impeller (State Diameter) 1½" Shaft	P85567	P85531	P85531	P85531
3	Impeller Capscrew 1¼" Shaft	P52350	P52350	P52350	P52350
3	Impeller Capscrew 1½" Shaft	P13800	P13800	P13800	P13800
4	Impeller Lockwasher 1¼" Shaft	J23874	J23874	J23874	J23874
4	Impeller Lockwasher 1½" Shaft	J23875	J23875	J23875	J23875
5	Impeller Washer 1¼" Shaft	P46381	P46390	P46390	P46390
5	Impeller Washer 1½" Shaft	P46382	P51250	P51250	P51250
7	Impeller Key 1¼" Shaft	P49369	P49369	P49369	P49369
7	Impeller Key 1½" Shaft	P49372	P49372	P49372	P49372
1	Volute	P85354	P85354	*P85602	P85354
	Wear Ring	—	—	P46700	—
	Volute Drain Plug ¼" (5)	P39050	P39040	P39040	P39040
9	Volute Capscrew (12)	P03470	P03470	P03470	P03470
2	Volute Gasket	P48690	P48690	P48690	P48690
12	Water Slinger	P53550	P53550	P53550	P53550

PARTS FOR STANDARD SEAL CONSTRUCTION

8	Motor Bracket – Motor Frames 143JM-145JM, 182JM-184JM	186533	186533	186533	186533
8	Motor Bracket – F Construction Motor Frames 143JM-145JM, 182JM-184JM	—	P90527	P90527	P90527
10	Motor Bracket Capscrew for Above (4)	P40020	P40020	P40020	P40020
8	Motor Bracket – Motor Frames 213JM-215JM	186530	186530	186530	186530
8	Motor Bracket – F Construction Motor Frames 213JM-215JM	—	P90528	P90528	P90528
10	Motor Bracket Capscrew for Above (4)	K03600	K03600	K03600	K03600
8	Motor Bracket – Motor Frames 254JP-256JP	P77166	P77166	P77166	P77166
8	Motor Bracket – F Construction Motor Frames 254JP-256JP	—	P90529	P90529	P90529
10	Motor Bracket Capscrew for Above (4)	P13780	P13780	P13780	P13780
8	Motor Bracket – Motor Frames 284JP-286JP	P53500	P53500	P53500	P53500
8	Motor Bracket – F Construction Motor Frames 284JP-286JP	—	P90530	P90530	P90530
10	Motor Bracket Capscrew for Above (4)	P19490	P19490	P19490	P19490
13	Seal Kit 1¼" Shaft	186860	186862LF	186862LF	186861LF
13	Seal Kit 1½" Shaft	186544	186543LF	186543LF	185225LF
11	Shaft Sleeve Kit 1¼" Shaft	185025	185024LF	185024LF	185024LF
11	Shaft Sleeve Kit 1½" Shaft	185022	185021LF	185021LF	185021LF
12	Water Slinger 1½" Shaft	P53720	P53720	P53720	P53720

PARTS FOR STUFFING BOX CONSTRUCTION

8	Motor Bracket - Motor Frames 143JP, 145JP, 182JP, 184JP	P85023	P85023	P85023	Not Offered
10	Motor Bracket Capscrew (4)	P40020	P40020	P40020	
15	Volute Coverplate 1¼" Shaft	P85031	P85031	P85031	
16	Volute Coverplate Capscrew 1¼" Shaft	P52320	P52320	P52320	
8	Motor Bracket - Motor Frames 213JP, 215JP, 254JP, 256JP	P85025	P85025	P85025	
10	Motor Bracket Capscrew (4)	K03600	K03600	K03600	
8	Motor Bracket - Motor Frames 284JP-286JP	P85099	P85099	P85099	
10	Motor Bracket Capscrew (4)	P19490	P19490	P19490	
15	Volute Coverplate 1½" Shaft	P85039	P85039	P85039	
16	Volute Coverplate Capscrew 1½" Shaft (8)	P52320	P52320	P52320	
	Packing	See Table C or D, Page 30			
	Single Seal Components	See Table A, Page 30			
	Double Seal Components	See Table B, Page 30			
	Shaft Sleeve	See Table A, B, C, or D, Page 30			
1	Volute – 250 PSI Operation for PF and S Seals Only	P85355	P85355	*P85603	
12	Water Slinger 1½" Shaft	P77320	P77320	P77320	

NOTE: 1¼" Shaft – up to and including Motor Frame 215JM. 1½" Shaft – Motor Frame 213JP and larger.

*Includes Wear Ring

– Factory recommended spare parts.

SERIES A-C 1500 PARTS LIST

2 X 2 X 7 PUMPS

ITEM NO.	DESCRIPTION	PUMP CONSTRUCTION			
		ALL IRON	BRONZE FITTED		
			STANDARD	W/WEAR RING	W/EPT SEAL

PARTS COMMON TO BOTH TYPES

6	Impeller (State Diameter) 1¼" Shaft	P85411	P85460	P85460	P85460
6	Impeller (State Diameter) 1⅝" Shaft	P85433	P85465	P85465	P85465
3	Impeller Capscrew 1¼" Shaft	P52350	P52350	P52350	P52350
3	Impeller Capscrew 1⅝" Shaft	P13800	P13800	P13800	P13800
4	Impeller Lockwasher 1¼" Shaft	J23874	J23874	J23874	J23874
4	Impeller Lockwasher 1⅝" Shaft	J23875	J23875	J23875	J23875
5	Impeller Washer 1¼" Shaft	P46381	P46390	P46390	P46390
5	Impeller Washer 1⅝" Shaft	P46382	P51250	P51250	P51250
7	Impeller Key 1¼" Shaft	P49369	P49369	P49369	P49369
7	Impeller Key 1⅝" Shaft	P49372	P49372	P49372	P49372
1	Volute	P85311	P85311	*P85614	P85311
	Wear Ring	—	—	P48660	—
	Volute Drain Plug ¼" (5)	P39050	P39040	P39040	P39040
2	Volute Gasket	P57700	P57700	P57700	P57700
12	Water Slinger 1¼" Shaft	P53550	P53550	P53550	P53550

PARTS FOR STANDARD SEAL CONSTRUCTION

8	Motor Bracket – Motor Frames 143JM-145JM, 182JM-184JM	186526	186526	186526	186526
8	Motor Bracket – F Construction Motor Frames 143JM-145JM, 182JM-184JM	—	P90523	P90523	P90523
10	Motor Bracket Capscrew for Above (4)	P40020	P40020	P40020	P40020
8	Motor Bracket – Motor Frames 213JM-215JM	186528	186528	186528	186528
8	Motor Bracket – F Construction Motor Frames 213JM-215JM	—	P90524	P90524	P90524
10	Motor Bracket Capscrew for Above (4)	K03600	K03600	K03600	K03600
8	Motor Bracket – Motor Frames 254JP	P77076	P77076	P77076	P77076
8	Motor Bracket – F Construction Motor Frames 254JP	—	P90525	P90525	P90525
10	Motor Bracket Capscrew for Above (4)	P13780	P13780	P13780	P13780
9	Volute Capscrew (8)	P40020	P40020	P40020	P40020
13	Seal Kit 1¼" Shaft	186860	186862LF	186862LF	186861LF
13	Seal Kit 1⅝" Shaft	186544	186543LF	186543LF	185225LF
11	Shaft Sleeve Kit 1¼" Shaft	185025	185024LF	185024LF	185024LF
11	Shaft Sleeve Kit 1⅝" Shaft	185022	185021LF	185021LF	185021LF
12	Water Slinger 1⅝" Shaft	P53720	P53720	P53720	P53720

PARTS FOR STUFFING BOX CONSTRUCTION

8	Motor Bracket – Motor Frames 143JP, 145JP, 182JP & 184JP	P85023	P85023	P85023	Not Offered
10	Motor Bracket Capscrew for Above (4)	P40020	P40020	P40020	
15	Volute Coverplate 1¼" Shaft	P85027	P85027	P85027	
16	Volute Coverplate Capscrew 1¼" Shaft (4)	P52320	P52320	P52320	
8	Motor Bracket – Motor Frames 213JP, 215JP, 254JP	P85025	P85025	P85025	
10	Motor Bracket Capscrew for Above (4)	K03600	K03600	K03600	
15	Volute Coverplate 1⅝" Shaft	P85035	P85035	P85035	
	Packing	See Table C or D, Page 30			
	Single Seal Components	See Table A, Page 30			
	Double Seal Components	See Table B, Page 30			
	Shaft Sleeve	See Table A, B, C, or D, Page 30			
1	Volute – 250 PSI Operation for PF and S Seals Only	P85312	P85312	*P85615	
9	Volute Capscrew 1¼" Shaft (8)	P40020	P40020	P40020	
9	Volute Capscrew 1⅝" Shaft (8)	H28300	H28300	H28300	
12	Water Slinger 1⅝" Shaft	P77320	P77320	P77320	

NOTE: 1¼" Shaft – up to and including Motor Frame 215JM. 1⅝" Shaft – Motor Frame 213JP and larger.

*Includes Wear Ring

– Factory recommended spare parts.

SERIES A-C 1500 PARTS LIST

2 X 2 X 9½ PUMPS

ITEM NO.	DESCRIPTION	PUMP CONSTRUCTION			
		ALL IRON	BRONZE FITTED		
			STANDARD	W/WEAR RING	W/EPT SEAL

PARTS COMMON TO BOTH TYPES

6	Impeller (State Diameter) 1¼" Shaft	N/A	P85423	P85460	P85460
6	Impeller (State Diameter) 1⅝" Shaft	N/A	N/A	N/A	N/A
3	Impeller Capscrew 1¼" Shaft	P52350	P52350	P52350	P52350
3	Impeller Capscrew 1⅝" Shaft	P13800	P13800	P13800	P13800
4	Impeller Lockwasher 1¼" Shaft	J23874	J23874	J23874	J23874
4	Impeller Lockwasher 1⅝" Shaft	J23875	J23875	J23875	J23875
5	Impeller Washer 1¼" Shaft	P46381	P46390	P46390	P46390
5	Impeller Washer 1⅝" Shaft	P46382	P51250	P51250	P51250
7	Impeller Key 1¼" Shaft	P49369	P49369	P49369	P49369
7	Impeller Key 1⅝" Shaft	P49372	P49372	P49372	P49372
1	Volute	N/A	N/A	N/A	N/A
	Wear Ring	—	—	P85398	—
	Volute Drain Plug ¼" (3)	P39050	P39040	P39040	P39040
	Volute Drain Plug ⅛" (3)	P39030	P39020	P39020	P39020
9	Volute Capscrew (12)	P03470	P03470	P03470	P03470
2	Volute Gasket	P48690	P48690	P48690	P48690
12	Water Slinger 1¼" Shaft	P53550	P53550	P53550	P53550

PARTS FOR STANDARD SEAL CONSTRUCTION

8	Motor Bracket – Motor Frames 145JM, 182JM-184JM	186533	186533	186533	186533
10	Motor Bracket Capscrew for Above (4)	P40020	P40020	P40020	P40020
8	Motor Bracket – Motor Frames 213JM-215JM	186530	186530	186530	186530
10	Motor Bracket Capscrew for Above (4)	K03600	K03600	K03600	K03600
8	Motor Bracket – Motor Frames 254JP-256JP	P77166	P77166	P77166	P77166
10	Motor Bracket Capscrew for Above (4)	P13780	P13780	P13780	P13780
8	Motor Bracket – Motor Frames 284JP-286JP	P53500	P53500	P53500	P53500
10	Motor Bracket Capscrew for Above (4)	P19490	P19490	P19490	P19490
13	Seal Kit 1¼" Shaft	186860	186862LF	186862LF	186861LF
13	Seal Kit 1⅝" Shaft	186544	186543LF	186543LF	185225LF
11	Shaft Sleeve Kit 1¼" Shaft	185025	185024LF	185024LF	185024LF
11	Shaft Sleeve Kit 1⅝" Shaft	185022	185021LF	185021LF	185021LF
12	Water Slinger 1⅝" Shaft	P53720	P53720	P53720	P53720

PARTS FOR STUFFING BOX CONSTRUCTION

8	Motor Bracket – Motor Frames 145JP, 182JP & 184JP	P85023	P85023	P85023	Not Offered
10	Motor Bracket Capscrew for Above (4)	P40020	P40020	P40020	
15	Volute Coverplate 1¼" Shaft	P85031	P85031	P85031	
16	Volute Coverplate Capscrew 1¼" Shaft (4)	P52320	P52320	P52320	
8	Motor Bracket – Motor Frames 213JP, 215JP, 254JP & 256JP	P85025	P85025	P85025	
10	Motor Bracket Capscrew for Above (4)	K03600	K03600	K03600	
8	Motor Bracket – Motor Frames 284JP & 286JP	P85099	P85099	P85099	
10	Motor Bracket Capscrew for Above (4)	P19490	P19490	P19490	
15	Volute Coverplate 1⅝" Shaft	P85039	P85039	P85039	
16	Volute Coverplate Capscrew 1⅝" Shaft (4)	P52320	P52320	P52320	
	Packing	See Table C or D, Page 30			
	Single Seal Components	See Table A, Page 30			
	Double Seal Components	See Table B, Page 30			
	Shaft Sleeve	See Table A, B, C, or D, Page 30			
1	Volute – 250 PSI Operation for PF and S Seals Only	N/A	N/A	N/A	
12	Water Slinger 1⅝" Shaft	P77320	P77320	P77320	

NOTE: 1¼" Shaft – up to and including Motor Frame 215JM. 1⅝" Shaft – Motor Frame 213JP and larger.

N/A – NO LONGER AVAILABLE If impeller or volute is required, both must be replaced to make a current style pump.

– Factory recommended spare parts.

SERIES A-C 1500 PARTS LIST

2 X 2 X 9½B PUMPS

ITEM NO.	DESCRIPTION	PUMP CONSTRUCTION			
		ALL IRON	BRONZE FITTED		
			STANDARD	W/WEAR RING	W/EPT SEAL

PARTS COMMON TO BOTH TYPES

6	Impeller (State Diameter) 1¼" Shaft	P85563	P85521	P85521	P85521
6	Impeller (State Diameter) 1⅝" Shaft	P85569	P85533	P85533	P85533
3	Impeller Capscrew 1¼" Shaft	P52350	P52350	P52350	P52350
3	Impeller Capscrew 1⅝" Shaft	P13800	P13800	P13800	P13800
4	Impeller Lockwasher 1¼" Shaft	J23874	J23874	J23874	J23874
4	Impeller Lockwasher 1⅝" Shaft	J23875	J23875	J23875	J23875
5	Impeller Washer 1¼" Shaft	P46381	P46390	P46390	P46390
5	Impeller Washer 1⅝" Shaft	P46382	P51250	P51250	P51250
7	Impeller Key 1¼" Shaft	P49369	P49369	P49369	P49369
7	Impeller Key 1⅝" Shaft	P49372	P49372	P49372	P49372
1	Volute	P85344	P85344	*P85622	P85344
	Wear Ring	—	—	P49130	—
	Volute Drain Plug ¼" (5)	P39050	P39040	P39040	P39040
9	Volute Capscrew (12)	P03470	P03470	P03470	P03470
2	Volute Gasket	P48690	P48690	P48690	P48690
12	Water Slinger 1¼" Shaft	P53550	P53550	P53550	P53550

PARTS FOR STANDARD SEAL CONSTRUCTION

8	Motor Bracket – Motor Frames 143JM-145JM, 182JM-184JM	186533	186533	186533	186533
8	Motor Bracket – F Construction Motor Frames 143JM-145JM, 182JM-184JM	—	P90527	P90527	P90527
10	Motor Bracket Capscrew for Above (4)	P40020	P40020	P40020	P40020
8	Motor Bracket – Motor Frames 213JM-215JM	186530	186530	186530	186530
8	Motor Bracket – F Construction Motor Frames 213JM-215JM	—	P90528	P90528	P90528
10	Motor Bracket Capscrew for Above (4)	K03600	K03600	K03600	K03600
8	Motor Bracket – Motor Frames 254JP-256JP	P77166	P77166	P77166	P77166
8	Motor Bracket – F Construction Motor Frames 254JP-256JP	—	P90529	P90529	P90529
10	Motor Bracket Capscrew for Above (4)	P13780	P13780	P13780	P13780
8	Motor Bracket – Motor Frames 284JP-286JP	P53500	P53500	P53500	P53500
8	Motor Bracket – F Construction Motor Frames 284JP-286JP	—	P90530	P90530	P90530
10	Motor Bracket Capscrew for Above (4)	P19490	P19490	P19490	P19490
13	Seal Kit 1¼" Shaft	186860	186862LF	186862LF	186861LF
13	Seal Kit 1⅝" Shaft	186544	186543LF	186543LF	185225LF
11	Shaft Sleeve Kit 1¼" Shaft	185025	185024LF	185024LF	185024LF
11	Shaft Sleeve Kit 1⅝" Shaft	185022	185021LF	185021LF	185021LF
12	Water Slinger 1⅝" Shaft	P53720	P53720	P53720	P53720

PARTS FOR STUFFING BOX CONSTRUCTION

8	Motor Bracket – Motor Frames 143JP, 145JP, 182JP & 184JP	P85023	P85023	P85023	Not Offered
10	Motor Bracket Capscrew for Above (4)	P40020	P40020	P40020	
15	Volute Coverplate 1¼" Shaft	P85031	P85031	P85031	
16	Volute Coverplate Capscrew 1¼" Shaft (4)	P52320	P52320	P52320	
8	Motor Bracket – Motor Frames 213JP, 215JP, 254JP & 256JP	P85025	P85025	P85025	
10	Motor Bracket Capscrew for Above (4)	K03600	K03600	K03600	
8	Motor Bracket – Motor Frames 284JP & 286JP	P85099	P85099	P85099	
10	Motor Bracket Capscrew for Above (4)	P19490	P19490	P19490	
15	Volute Coverplate 1⅝" Shaft	P85039	P85039	P85039	
16	Volute Coverplate Capscrew 1⅝" Shaft (4)	P52320	P52320	P52320	
	Packing	See Table C or D, Page 30			
	Single Seal Components	See Table A, Page 30			
	Double Seal Components	See Table B, Page 30			
	Shaft Sleeve	See Table A, B, C, or D, Page 30			
1	Volute – 250 PSI Operation for PF and S Seals Only	P85345	P85345	*P85623	
12	Water Slinger 1⅝" Shaft	P77320	P77320	P77320	

NOTE: 1¼" Shaft – up to and including Motor Frame 215JM. 1⅝" Shaft – Motor Frame 213JP and larger.

*Includes Wear Ring

– Factory recommended spare parts.

SERIES A-C 1500 PARTS LIST

2½ X 2½ X 7 PUMPS

ITEM NO.	DESCRIPTION	PUMP CONSTRUCTION			
		ALL IRON	BRONZE FITTED		
			STANDARD	W/WEAR RING	W/EPT SEAL

PARTS COMMON TO BOTH TYPES

6	Impeller (State Diameter) 1¼" Shaft	P85562	P85520	P85520	P85520
6	Impeller (State Diameter) 1⅝" Shaft	P85568	P85532	P85532	P85532
3	Impeller Capscrew 1¼" Shaft	P52350	P52350	P52350	P52350
3	Impeller Capscrew 1⅝" Shaft	P13800	P13800	P13800	P13800
4	Impeller Lockwasher 1¼" Shaft	J23874	J23874	J23874	J23874
4	Impeller Lockwasher 1⅝" Shaft	J23875	J23875	J23875	J23875
5	Impeller Washer 1¼" Shaft	P46381	P46390	P46390	P46390
5	Impeller Washer 1⅝" Shaft	P46382	P51250	P51250	P51250
7	Impeller Key 1¼" Shaft	P49369	P49369	P49369	P49369
7	Impeller Key 1⅝" Shaft	P49372	P49372	P49372	P49372
1	Volute	P85314	P85314	*P85604	P85314
	Wear Ring	—	—	P49145	—
	Volute Drain Plug ¼" (5)	P39050	P39040	P39040	P39040
2	Volute Gasket	P57700	P57700	P57700	P57700
12	Water Slinger 1¼" Shaft	P53550	P53550	P53550	P53550

PARTS FOR STANDARD SEAL CONSTRUCTION

8	Motor Bracket – Motor Frames 143JM-145JM, 182JM-184JM	186526	186526	186526	186526
8	Motor Bracket – F Construction Motor Frames 143JM-145JM, 182JM-184JM	—	P90523	P90523	P90523
10	Motor Bracket Capscrew for Above (4)	P40020	P40020	P40020	P40020
8	Motor Bracket – Motor Frames 213JM-215JM	186528	186528	186528	186528
8	Motor Bracket – F Construction Motor Frames 213JM-215JM	—	P90524	P90524	P90524
10	Motor Bracket Capscrew for Above (4)	K03600	K03600	K03600	K03600
8	Motor Bracket – Motor Frames 254JP-256JP	P77066	P77066	P77066	P77066
8	Motor Bracket – F Construction Motor Frames 254JP-256JP	—	P90525	P90525	P90525
10	Motor Bracket Capscrew for Above (4)	P13780	P13780	P13780	P13780
9	Volute Capscrew (8)	P40020	P40020	P40020	P40020
13	Seal Kit 1¼" Shaft	186860	186862LF	186862LF	186861LF
13	Seal Kit 1⅝" Shaft	186544	186543LF	186543LF	185225LF
11	Shaft Sleeve Kit 1¼" Shaft	185025	185024LF	185024LF	185024LF
11	Shaft Sleeve Kit 1⅝" Shaft	185022	185021LF	185021LF	185021LF
12	Water Slinger 1⅝" Shaft	P53720	P53720	P53720	P53720

PARTS FOR STUFFING BOX CONSTRUCTION

8	Motor Bracket – Motor Frames 143JP, 145JP, 182JP & 184JP	P85023	P85023	P85023	Not Offered
10	Motor Bracket Capscrew for Above (4)	P40020	P40020	P40020	
15	Volute Coverplate 1¼" Shaft	P85027	P85027	P85027	
16	Volute Coverplate Capscrew 1¼" Shaft (4)	P52320	P52320	P52320	
8	Motor Bracket – Motor Frames 213JP, 215JP, 254JP & 256JP	P85025	P85025	P85025	
10	Motor Bracket Capscrew for Above (4)	K03600	K03600	K03600	
15	Volute Coverplate 1⅝" Shaft	P85035	P85035	P85035	
	Packing	See Table C or D, Page 30			
	Single Seal Components	See Table A, Page 30			
	Double Seal Components	See Table B, Page 30			
	Shaft Sleeve	See Table A, B, C, or D, Page 30			
1	Volute – 250 PSI Operation for PF and S Seals Only	P85315	P85315	*P85605	
9	Volute Capscrew 1¼" Shaft (8)	P40020	P40020	P40020	
9	Volute Capscrew 1⅝" Shaft (8)	H28300	H28300	H28300	
12	Water Slinger 1⅝" Shaft	P77320	P77320	P77320	

NOTE: 1¼" Shaft – up to and including Motor Frame 215JM. 1⅝" Shaft – Motor Frame 213JP and larger.

*Includes Wear Ring

– Factory recommended spare parts.

SERIES A-C 1500 PARTS LIST

2½ X 2½ X 9½ PUMPS

ITEM NO.	DESCRIPTION	PUMP CONSTRUCTION			
		ALL IRON	BRONZE FITTED		
			STANDARD	W/WEAR RING	W/EPT SEAL

PARTS COMMON TO BOTH TYPES

6	Impeller (State Diameter) 1¼" Shaft	N/A	P85427	P85427	P85427
6	Impeller (State Diameter) 1⅝" Shaft	N/A	N/A	N/A	N/A
3	Impeller Capscrew 1¼" Shaft	P52350	P52350	P52350	P52350
3	Impeller Capscrew 1⅝" Shaft	P13800	P13800	P13800	P13800
4	Impeller Lockwasher 1¼" Shaft	J23874	J23874	J23874	J23874
4	Impeller Lockwasher 1⅝" Shaft	J23875	J23875	J23875	J23875
5	Impeller Washer 1¼" Shaft	P46381	P46390	P46390	P46390
5	Impeller Washer 1⅝" Shaft	P46382	P51250	P51250	P51250
7	Impeller Key 1¼" Shaft	P49369	P49369	P49369	P49369
7	Impeller Key 1⅝" Shaft	P49372	P49372	P49372	P49372
1	Volute	N/A	N/A	N/A	N/A
	Wear Ring	—	—	P85399	—
	Volute Drain Plug ¼" (3)	P39050	P39040	P39040	P39040
	Volute Drain Plug ⅜" (3)	P39030	P39020	P39020	P39020
9	Volute Capscrew (12)	P03470	P03470	P03470	P03470
2	Volute Gasket	P48690	P48690	P48690	P48690
12	Water Slinger 1¼" Shaft	P53550	P53550	P53550	P53550

PARTS FOR STANDARD SEAL CONSTRUCTION

8	Motor Bracket – Motor Frames 145JM, 182JM-184JM	186533	186533	186533	186533
10	Motor Bracket Capscrew for Above (4)	P40020	P40020	P40020	P40020
8	Motor Bracket – Motor Frames 213JM-215JM	186530	186530	186530	186530
10	Motor Bracket Capscrew for Above (4)	K03600	K03600	K03600	K03600
8	Motor Bracket – Motor Frames 254JP-256JP	P77166	P77166	P77166	P77166
10	Motor Bracket Capscrew for Above (4)	P13780	P13780	P13780	P13780
8	Motor Bracket – Motor Frames 284JP-286JP	P53500	P53500	P53500	P53500
10	Motor Bracket Capscrew for Above (4)	P19490	P19490	P19490	P19490
13	Seal Kit 1¼" Shaft	186860	186862LF	186862LF	186861LF
13	Seal Kit 1⅝" Shaft	186544	186543LF	186543LF	185225LF
11	Shaft Sleeve Kit 1¼" Shaft	185025	185024LF	185024LF	185024LF
11	Shaft Sleeve Kit 1⅝" Shaft	185022	185021LF	185021LF	185021LF
12	Water Slinger 1⅝" Shaft	P53720	P53720	P53720	P53720

PARTS FOR STUFFING BOX CONSTRUCTION

8	Motor Bracket – Motor Frames 145JP, 182JP & 184JP	P85023	P85023	P85023	Not Offered
10	Motor Bracket Capscrew for Above (4)	P40020	P40020	P40020	
15	Volute Coverplate 1¼" Shaft	P85031	P85031	P85031	
16	Volute Coverplate Capscrew 1¼" Shaft (4)	P52320	P52320	P52320	
8	Motor Bracket – Motor Frames 213JP, 215JP, 254JP & 256JP	P85025	P85025	P85025	
10	Motor Bracket Capscrew for Above (4)	K03600	K03600	K03600	
8	Motor Bracket – Motor Frames 284JP & 286JP	P85099	P85099	P85099	
10	Motor Bracket Capscrew for Above (4)	P19490	P19490	P19490	
15	Volute Coverplate 1⅝" Shaft	P85039	P85039	P85039	
16	Volute Coverplate Capscrew 1⅝" Shaft (4)	P52320	P52320	P52320	
	Packing	See Table C or D, Page 30			
	Single Seal Components	See Table A, Page 30			
	Double Seal Components	See Table B, Page 30			
	Shaft Sleeve	See Table A, B, C, or D, Page 30			
1	Volute – 250 PSI Operation for PF and S Seals Only	N/A	N/A	N/A	
12	Water Slinger 1⅝" Shaft	P77320	P77320	P77320	

NOTE: 1¼" Shaft – up to and including Motor Frame 215JM. 1⅝" Shaft – Motor Frame 213JP and larger.

N/A – NO LONGER AVAILABLE If impeller or volute is required, both must be replaced to make a current style pump.

– Factory recommended spare parts.

SERIES A-C 1500 PARTS LIST

2½ X 2½ X 9½B PUMPS

ITEM NO.	DESCRIPTION	PUMP CONSTRUCTION			
		ALL IRON	BRONZE FITTED		
			STANDARD	W/WEAR RING	W/EPT SEAL

PARTS COMMON TO BOTH TYPES

6	Impeller (State Diameter) 1¼" Shaft	P85563	P85521	P85521	P85521
6	Impeller (State Diameter) 1⅝" Shaft	P85569	P85533	P85533	P85533
3	Impeller Capscrew 1¼" Shaft	P52350	P52350	P52350	P52350
3	Impeller Capscrew 1⅝" Shaft	P13800	P13800	P13800	P13800
4	Impeller Lockwasher 1¼" Shaft	J23874	J23874	J23874	J23874
4	Impeller Lockwasher 1⅝" Shaft	J23875	J23875	J23875	J23875
5	Impeller Washer 1¼" Shaft	P46381	P46390	P46390	P46390
5	Impeller Washer 1⅝" Shaft	P46382	P51250	P51250	P51250
7	Impeller Key 1¼" Shaft	P49369	P49369	P49369	P49369
7	Impeller Key 1⅝" Shaft	P49372	P49372	P49372	P49372
1	Volute	P85358	P85358	*P85606	P85358
	Wear Ring	—	—	P49130	—
	Volute Drain Plug ¼" (5)	P39050	P39040	P39040	P39040
9	Volute Capscrew (12)	P03470	P03470	P03470	P03470
2	Volute Gasket	P48690	P48690	P48690	P48690
12	Water Slinger 1¼" Shaft	P53550	P53550	P53550	P53550

PARTS FOR STANDARD SEAL CONSTRUCTION

8	Motor Bracket – Motor Frames 145JM, 182JM-184JM	186533	186533	186533	186533
8	Motor Bracket – F Construction Motor Frames 145JM, 182JM-184JM	—	P90527	P90527	P90527
10	Motor Bracket Capscrew for Above (4)	P40020	P40020	P40020	P40020
8	Motor Bracket – Motor Frames 213JM-215JM	186530	186530	186530	186530
8	Motor Bracket – F Construction Motor Frames 213JM-215JM	—	P90528	P90528	P90528
10	Motor Bracket Capscrew for Above (4)	K03600	K03600	K03600	K03600
8	Motor Bracket – Motor Frames 254JP-256JP	P77166	P77166	P77166	P77166
8	Motor Bracket – F Construction Motor Frames 254JP-256JP	—	P90529	P90529	P90529
10	Motor Bracket Capscrew for Above (4)	P13780	P13780	P13780	P13780
8	Motor Bracket – Motor Frames 284JP-286JP, 324JP-326JP	P53500	P53500	P53500	P53500
8	Motor Bracket – F Construction Motor Frames 284JP-286JP, 324JP-326JP	—	P90530	P90530	P90530
10	Motor Bracket Capscrew for Above (4)	P19490	P19490	P19490	P19490
13	Seal Kit 1¼" Shaft	186860	186862LF	186862LF	186861LF
13	Seal Kit 1⅝" Shaft	186544	186543LF	186543LF	185225LF
11	Shaft Sleeve Kit 1¼" Shaft	185025	185024LF	185024LF	185024LF
11	Shaft Sleeve Kit 1⅝" Shaft	185022	185021LF	185021LF	185021LF
12	Water Slinger 1⅝" Shaft	P53720	P53720	P53720	P53720

PARTS FOR STUFFING BOX CONSTRUCTION

8	Motor Bracket – Motor Frames 145JP, 182JP & 184JP	P85023	P85023	P85023	Not Offered
10	Motor Bracket Capscrew for Above (4)	P40020	P40020	P40020	
15	Volute Coverplate 1¼" Shaft	P85031	P85031	P85031	
16	Volute Coverplate Capscrew 1¼" Shaft (4)	P52320	P52320	P52320	
8	Motor Bracket – Motor Frames 213JP, 215JP, 254JP & 256JP	P85025	P85025	P85025	
10	Motor Bracket Capscrew for Above (4)	K03600	K03600	K03600	
8	Motor Bracket – Motor Frames 284JP & 286JP	P85099	P85099	P85099	
10	Motor Bracket Capscrew for Above (4)	P19490	P19490	P19490	
15	Volute Coverplate 1⅝" Shaft	P85039	P85039	P85039	
16	Volute Coverplate Capscrew 1⅝" Shaft (4)	P52320	P52320	P52320	
	Packing	See Table C or D, Page 30			
	Single Seal Components	See Table A, Page 30			
	Double Seal Components	See Table B, Page 30			
	Shaft Sleeve	See Table A, B, C, or D, Page 30			
1	Volute – 250 PSI Operation for PF and S Seals Only	P85359	P85359	*P85607	
12	Water Slinger 1⅝" Shaft	P77320	P77320	P77320	

NOTE: 1¼" Shaft – up to and including Motor Frame 215JM. 1⅝" Shaft – Motor Frame 213JP and larger.

*Includes Wear Ring

– Factory recommended spare parts.

SERIES A-C 1500 PARTS LIST

3 X 3 X 7 PUMPS

ITEM NO.	DESCRIPTION	PUMP CONSTRUCTION			
		ALL IRON	BRONZE FITTED		
			STANDARD	W/WEAR RING	W/EPT SEAL

PARTS COMMON TO BOTH TYPES

6	Impeller (State Diameter) 1¼" Shaft	N/A	P85415	P85415	P85415
6	Impeller (State Diameter) 1⅝" Shaft	N/A	N/A	N/A	N/A
3	Impeller Capscrew 1¼" Shaft	P52350	P52350	P52350	P52350
3	Impeller Capscrew 1⅝" Shaft	P13800	P13800	P13800	P13800
4	Impeller Lockwasher 1¼" Shaft	J23874	J23874	J23874	J23874
4	Impeller Lockwasher 1⅝" Shaft	J23875	J23875	J23875	J23875
5	Impeller Washer 1¼" Shaft	P46381	P46390	P46390	P46390
5	Impeller Washer 1⅝" Shaft	P46382	P51250	P51250	P51250
7	Impeller Key 1¼" Shaft	P49369	P49369	P49369	P49369
7	Impeller Key 1⅝" Shaft	P49372	P49372	P49372	P49372
1	Volute	N/A	N/A	N/A	N/A
	Wear Ring	—	—	P49130	—
	Volute Drain Plug ¼" (3)	P39050	P39040	P39040	P39040
	Volute Drain Plug ⅝" (3)	P39030	P39020	P39020	P39020
2	Volute Gasket	P57700	P57700	P57700	P57700
12	Water Slinger 1¼" Shaft	P53550	P53550	P53550	P53550

PARTS FOR STANDARD SEAL CONSTRUCTION

8	Motor Bracket – Motor Frames 145JM, 182JM-184JM	186526	186526	186526	186526
10	Motor Bracket Capscrew for Above (4)	P40020	P40020	P40020	P40020
8	Motor Bracket – Motor Frames 213JM-215JM	186528	186528	186528	186528
10	Motor Bracket Capscrew for Above (4)	K03600	K03600	K03600	K03600
8	Motor Bracket – Motor Frames 254JP-256JP	P77076	P77076	P77076	P77076
10	Motor Bracket Capscrew for Above (4)	P13780	P13780	P13780	P13780
9	Volute Capscrew (8)	P40020	P40020	P40020	P40020
13	Seal Kit 1¼" Shaft	186860	186862LF	186862LF	186861LF
13	Seal Kit 1⅝" Shaft	186544	186543LF	186543LF	185225LF
11	Shaft Sleeve Kit 1¼" Shaft	185025	185024LF	185024LF	185024LF
11	Shaft Sleeve Kit 1⅝" Shaft	185022	185021LF	185021LF	185021LF
12	Water Slinger 1⅝" Shaft	P53720	P53720	P53720	P53720

PARTS FOR STUFFING BOX CONSTRUCTION

8	Motor Bracket – Motor Frames 143JP, 145JP, 182JP & 184JP	P85023	P85023	P85023	Not Offered
10	Motor Bracket Capscrew for Above (4)	P40020	P40020	P40020	
15	Volute Coverplate 1¼" Shaft	P85027	P85027	P85027	
16	Volute Coverplate Capscrew 1¼" Shaft (4)	P52320	P52320	P52320	
8	Motor Bracket – Motor Frames 213JP, 215JP, 254JP & 256JP	P85025	P85025	P85025	
10	Motor Bracket Capscrew for Above (4)	K03600	K03600	K03600	
15	Volute Coverplate 1⅝" Shaft	P85035	P85035	P85035	
	Packing	See Table C or D, Page 30			
	Single Seal Components	See Table A, Page 30			
	Double Seal Components	See Table B, Page 30			
	Shaft Sleeve	See Table A, B, C, or D, Page 30			
1	Volute – 250 PSI Operation for PF and S Seals Only	N/A	N/A	N/A	
9	Volute Capscrew 1¼" Shaft (8)	P40020	P40020	P40020	
9	Volute Capscrew 1⅝" Shaft (8)	H28300	H28300	H28300	
12	Water Slinger 1⅝" Shaft	P77320	P77320	P77320	

NOTE: 1¼" Shaft – up to and including Motor Frame 215JM. 1⅝" Shaft – Motor Frame 213JP and larger.

N/A – NO LONGER AVAILABLE If impeller or volute is required, both must be replaced to make a current style pump.

– Factory recommended spare parts.

SERIES A-C 1500 PARTS LIST

3 X 3 X 7B PUMPS

ITEM NO.	DESCRIPTION	PUMP CONSTRUCTION			
		ALL IRON	BRONZE FITTED		
			STANDARD	W/WEAR RING	W/EPT SEAL

PARTS COMMON TO BOTH TYPES

6	Impeller (State Diameter) 1¼" Shaft	P85564	P85522	P85522	P85522
6	Impeller (State Diameter) 1⅝" Shaft	P85570	P85534	P85534	P85534
3	Impeller Capscrew 1¼" Shaft	P52350	P52350	P52350	P52350
3	Impeller Capscrew 1⅝" Shaft	P13800	P13800	P13800	P13800
4	Impeller Lockwasher 1¼" Shaft	J23874	J23874	J23874	J23874
4	Impeller Lockwasher 1⅝" Shaft	J23875	J23875	J23875	J23875
5	Impeller Washer 1¼" Shaft	P46381	P46390	P46390	P46390
5	Impeller Washer 1⅝" Shaft	P46382	P51250	P51250	P51250
7	Impeller Key 1¼" Shaft	P49369	P49369	P49369	P49369
7	Impeller Key 1⅝" Shaft	P49372	P49372	P49372	P49372
1	Volute	P85324	P85324	*P85608	P85324
	Wear Ring	—	—	P85399	—
	Volute Drain Plug ¼" (5)	P39050	P39040	P39040	P39040
2	Volute Gasket	P57700	P57700	P57700	P57700
12	Water Slinger 1¼" Shaft	P53550	P53550	P53550	P53550

PARTS FOR STANDARD SEAL CONSTRUCTION

8	Motor Bracket – Motor Frames 143JM-145JM, 182JM-184JM	186526	186526	186526	186526
8	Motor Bracket – F Construction Motor Frames 143JM-145JM, 182JM-184JM	—	P90523	P90523	P90523
10	Motor Bracket Capscrew for Above (4)	P40020	P40020	P40020	P40020
8	Motor Bracket – Motor Frames 213JM-215JM	186528	186528	186528	186528
8	Motor Bracket – F Construction Motor Frames 213JM-215JM	—	P90524	P90524	P90524
10	Motor Bracket Capscrew for Above (4)	K03600	K03600	K03600	K03600
8	Motor Bracket – Motor Frames 254JP-256JP	P77076	P77076	P77076	P77076
8	Motor Bracket – F Construction Motor Frames 254JP-256JP	—	P90525	P90525	P90525
10	Motor Bracket Capscrew for Above (4)	P13780	P13780	P13780	P13780
9	Volute Capscrew (8)	P40020	P40020	P40020	P40020
13	Seal Kit 1¼" Shaft	186860	186862LF	186862LF	186861LF
13	Seal Kit 1⅝" Shaft	186544	186543LF	186543LF	185225LF
11	Shaft Sleeve Kit 1¼" Shaft	185025	185024LF	185024LF	185024LF
11	Shaft Sleeve Kit 1⅝" Shaft	185022	185021LF	185021LF	185021LF
12	Water Slinger 1⅝" Shaft	P53720	P53720	P53720	P53720

PARTS FOR STUFFING BOX CONSTRUCTION

8	Motor Bracket – Motor Frames 143JP, 145JP, 182JP & 184JP	P85023	P85023	P85023	Not Offered
10	Motor Bracket Capscrew for Above (4)	P40020	P40020	P40020	
15	Volute Coverplate 1¼" Shaft	P85027	P85027	P85027	
16	Volute Coverplate Capscrew 1¼" Shaft (4)	P52320	P52320	P52320	
8	Motor Bracket – Motor Frames 213JP, 215JP, 254JP & 256JP	P85025	P85025	P85025	
10	Motor Bracket Capscrew for Above (4)	K03600	K03600	K03600	
15	Volute Coverplate 1⅝" Shaft	P85035	P85035	P85035	
	Packing	See Table C or D, Page 30			
	Single Seal Components	See Table A, Page 30			
	Double Seal Components	See Table B, Page 30			
	Shaft Sleeve	See Table A, B, C, or D, Page 30			
1	Volute – 250 PSI Operation for PF and S Seals Only	P85325	P85325	P85325	
9	Volute Capscrew 1¼" Shaft (8)	P40020	P40020	P40020	
9	Volute Capscrew 1⅝" Shaft (8)	H28300	H28300	H28300	
12	Water Slinger 1⅝" Shaft	P77320	P77320	P77320	

NOTE: 1¼" Shaft – up to and including Motor Frame 215JM. 1⅝" Shaft – Motor Frame 213JP and larger.

*Includes Wear Ring

– Factory recommended spare parts.

SERIES A-C 1500 PARTS LIST

3 X 3 X 9½ PUMPS

ITEM NO.	DESCRIPTION	PUMP CONSTRUCTION			
		ALL IRON	BRONZE FITTED		
			STANDARD	W/WEAR RING	W/EPT SEAL

PARTS COMMON TO BOTH TYPES

6	Impeller (State Diameter) 1¼" Shaft	N/A	P85431	P85431	P85431
6	Impeller (State Diameter) 1⅝" Shaft	N/A	N/A	N/A	N/A
3	Impeller Capscrew 1¼" Shaft	P52350	P52350	P52350	P52350
3	Impeller Capscrew 1⅝" Shaft	P13800	P13800	P13800	P13800
4	Impeller Lockwasher 1¼" Shaft	J23874	J23874	J23874	J23874
4	Impeller Lockwasher 1⅝" Shaft	J23875	J23875	J23875	J23875
5	Impeller Washer 1¼" Shaft	P46381	P46390	P46390	P46390
5	Impeller Washer 1⅝" Shaft	P46382	P51250	P51250	P51250
7	Impeller Key 1¼" Shaft	P49369	P49369	P49369	P49369
7	Impeller Key 1⅝" Shaft	P49372	P49372	P49372	P49372
1	Volute	N/A	N/A	N/A	N/A
	Wear Ring	—	—	P85400	—
	Volute Drain Plug ¼" (3)	P39050	P39040	P39040	P39040
	Volute Drain Plug ⅝" (3)	P39030	P39020	P39020	P39020
9	Volute Capscrew (12)	P03470	P03470	P03470	P03470
2	Volute Gasket	P48690	P48690	P48690	P48690
12	Water Slinger 1¼" Shaft	P53550	P53550	P53550	P53550

PARTS FOR STANDARD SEAL CONSTRUCTION

8	Motor Bracket – Motor Frames 184JM	186533	186533	186533	186533
10	Motor Bracket Capscrew for Above (4)	P40020	P40020	P40020	P40020
8	Motor Bracket – Motor Frames 213JM-215JM	186530	186530	186530	186530
10	Motor Bracket Capscrew for Above (4)	K03600	K03600	K03600	K03600
8	Motor Bracket – Motor Frames 254JP-256JP	P77166	P77166	P77166	P77166
10	Motor Bracket Capscrew for Above (4)	P13780	P13780	P13780	P13780
8	Motor Bracket – Motor Frames 284JP-286JP, 324JP-326JP	P53500	P53500	P53500	P53500
10	Motor Bracket Capscrew for Above (4)	P19490	P19490	P19490	P19490
13	Seal Kit 1¼" Shaft	186860	186862LF	186862LF	186861LF
13	Seal Kit 1⅝" Shaft	186544	186543LF	186543LF	185225LF
11	Shaft Sleeve Kit 1¼" Shaft	185025	185024LF	185024LF	185024LF
11	Shaft Sleeve Kit 1⅝" Shaft	185022	185021LF	185021LF	185021LF
12	Water Slinger 1⅝" Shaft	P53720	P53720	P53720	P53720

PARTS FOR STUFFING BOX CONSTRUCTION

8	Motor Bracket – Motor Frames 184JP	P85023	P85023	P85023	Not Offered
10	Motor Bracket Capscrew for Above (4)	P40020	P40020	P40020	
15	Volute Coverplate 1¼" Shaft	P85031	P85031	P85031	
16	Volute Coverplate Capscrew 1¼" Shaft (4)	P52320	P52320	P52320	
8	Motor Bracket – Motor Frames 213JP, 215JP, 254JP & 256JP	P85025	P85025	P85025	
10	Motor Bracket Capscrew for Above (4)	K03600	K03600	K03600	
8	Motor Bracket – Motor Frames 284JP, 286JP, 324JP & 326JP	P85099	P85099	P85099	
10	Motor Bracket Capscrew for Above (4)	P19490	P19490	P19490	
15	Volute Coverplate 1⅝" Shaft	P85039	P85039	P85039	
16	Volute Coverplate Capscrew 1⅝" Shaft (4)	P52320	P52320	P52320	
	Packing	See Table C or D, Page 30			
	Single Seal Components	See Table A, Page 30			
	Double Seal Components	See Table B, Page 30			
	Shaft Sleeve	See Table A, B, C, or D, Page 30			
1	Volute – 250 PSI Operation for PF and S Seals Only	N/A	N/A	N/A	
12	Water Slinger 1⅝" Shaft	P77320	P77320	P77320	

NOTE: 1¼" Shaft – up to and including Motor Frame 215JM. 1⅝" Shaft – Motor Frame 213JP and larger.

N/A – NO LONGER AVAILABLE If impeller or volute is required, both must be replaced to make a current style pump.

– Factory recommended spare parts.

SERIES A-C 1500 PARTS LIST

3 X 3 X 9½B PUMPS

ITEM NO.	DESCRIPTION	PUMP CONSTRUCTION			
		ALL IRON	BRONZE FITTED		
			STANDARD	W/WEAR RING	W/EPT SEAL

PARTS COMMON TO BOTH TYPES

6	Impeller (State Diameter) 1¼" Shaft	P85565	P85523	P85523	P85523
6	Impeller (State Diameter) 1⅝" Shaft	P85571	P85535	P85535	P85535
3	Impeller Capscrew 1¼" Shaft	P52350	P52350	P52350	P52350
3	Impeller Capscrew 1⅝" Shaft	P13800	P13800	P13800	P13800
4	Impeller Lockwasher 1¼" Shaft	J23874	J23874	J23874	J23874
4	Impeller Lockwasher 1⅝" Shaft	J23875	J23875	J23875	J23875
5	Impeller Washer 1¼" Shaft	P46381	P46390	P46390	P46390
5	Impeller Washer 1⅝" Shaft	P46382	P51250	P51250	P51250
7	Impeller Key 1¼" Shaft	P49369	P49369	P49369	P49369
7	Impeller Key 1⅝" Shaft	P49372	P49372	P49372	P49372
1	Volute	P85364	P85364	*P85610	P85364
	Wear Ring	—	—	P49870	—
	Volute Drain Plug ¼" (5)	P39050	P39040	P39040	P39040
9	Volute Capscrew (12)	P03470	P03470	P03470	P03470
2	Volute Gasket	P48690	P48690	P48690	P48690
12	Water Slinger 1¼" Shaft	P53550	P53550	P53550	P53550

PARTS FOR STANDARD SEAL CONSTRUCTION

8	Motor Bracket – Motor Frames 184JM	186533	186533	186533	186533
8	Motor Bracket – F Construction Motor Frames 184JM	—	P90527	P90527	P90527
10	Motor Bracket Capscrew for Above (4)	P40020	P40020	P40020	P40020
8	Motor Bracket – Motor Frames 213JM-215JM	186530	186530	186530	186530
8	Motor Bracket – F Construction Motor Frames 213JM-215JM	—	P90528	P90528	P90528
10	Motor Bracket Capscrew for Above (4)	K03600	K03600	K03600	K03600
8	Motor Bracket – Motor Frames 254JP-256JP	P77166	P77166	P77166	P77166
8	Motor Bracket – F Construction Motor Frames 254JP-256JP	—	P90529	P90529	P90529
10	Motor Bracket Capscrew for Above (4)	P13780	P13780	P13780	P13780
8	Motor Bracket – Motor Frames 284JP-286JP, 324JP-326JP	P53500	P53500	P53500	P53500
8	Motor Bracket – F Construction Motor Frames 284JP-286JP, 324JP-326JP	—	P90530	P90530	P90530
10	Motor Bracket Capscrew for Above (4)	P19490	P19490	P19490	P19490
13	Seal Kit 1¼" Shaft	186860	186862LF	186862LF	186861LF
13	Seal Kit 1⅝" Shaft	186544	186543LF	186543LF	185225LF
11	Shaft Sleeve Kit 1¼" Shaft	185025	185024LF	185024LF	185024LF
11	Shaft Sleeve Kit 1⅝" Shaft	185022	185021LF	185021LF	185021LF
12	Water Slinger 1⅝" Shaft	P53720	P53720	P53720	P53720

PARTS FOR STUFFING BOX CONSTRUCTION

8	Motor Bracket – Motor Frames 145JP, 182JP & 184JP	P85023	P85023	P85023	Not Offered
10	Motor Bracket Capscrew for Above (4)	P40020	P40020	P40020	
15	Volute Coverplate 1¼" Shaft	P85031	P85031	P85031	
16	Volute Coverplate Capscrew 1¼" Shaft (4)	P52320	P52320	P52320	
8	Motor Bracket – Motor Frames 213JP, 215JP, 254JP & 256JP	P85025	P85025	P85025	
10	Motor Bracket Capscrew for Above (4)	K03600	K03600	K03600	
8	Motor Bracket – Motor Frames 284JP & 286JP	P85099	P85099	P85099	
10	Motor Bracket Capscrew for Above (4)	P19490	P19490	P19490	
15	Volute Coverplate 1⅝" Shaft	P85039	P85039	P85039	
16	Volute Coverplate Capscrew 1⅝" Shaft (8)	P52320	P52320	P52320	
	Packing	See Table C or D, Page 30			
	Single Seal Components	See Table A, Page 30			
	Double Seal Components	See Table B, Page 30			
	Shaft Sleeve	See Table A, B, C, or D, Page 30			
1	Volute – 250 PSI Operation for PF and S Seals Only	P85365	P85365	*P85611	
12	Water Slinger 1⅝" Shaft	P77320	P77320	P77320	

NOTE: 1¼" Shaft – up to and including Motor Frame 215JM. 1⅝" Shaft – Motor Frame 213JP and larger.

*Includes Wear Ring

– Factory recommended spare parts.

SERIES A-C 1500 PARTS LIST

3 X 3 X 11 PUMPS

ITEM NO.	DESCRIPTION	PUMP CONSTRUCTION			
		ALL IRON	BRONZE FITTED		
			STANDARD	W/WEAR RING	W/EPT SEAL

PARTS COMMON TO BOTH TYPES

6	Impeller (State Diameter) 1¼" Shaft	P50197	P50193	P50193	P50193
6	Impeller (State Diameter) 1⅝" Shaft	P50206	P50202	P50202	P50202
3	Impeller Capscrew 1¼" Shaft	P52350	P52350	P52350	P52350
3	Impeller Capscrew 1⅝" Shaft	P13800	P13800	P13800	P13800
4	Impeller Lockwasher 1¼" Shaft	J23874	J23874	J23874	J23874
4	Impeller Lockwasher 1⅝" Shaft	J23875	J23875	J23875	J23875
5	Impeller Washer 1¼" Shaft	P46381	P46390	P46390	P46390
5	Impeller Washer 1⅝" Shaft	P46382	P51250	P51250	P51250
7	Impeller Key 1¼" Shaft	P49369	P49369	P49369	P49369
7	Impeller Key 1⅝" Shaft	P49372	P49372	P49372	P49372
1	Volute	P85647	P85647	*P82963	P85647
	Wear Ring	—	—	P49870	—
	Volute Drain Plug ¼" (5)	P39050	P39040	P39040	P39040
9	Volute Capscrew (16)	P13780	P13780	P13780	P13780
2	Volute Gasket	P80765	P80765	P80765	P80765
12	Water Slinger 1¼" Shaft	P53550	P53550	P53550	P53550

PARTS FOR STANDARD SEAL CONSTRUCTION

8	Motor Bracket – Motor Frames 213JM-215JM	P53026	P53026	P53026	P53026
8	Motor Bracket – F Construction Motor Frames 213JM-215JM	—	P90532	P90532	P90532
10	Motor Bracket Capscrew for Above (4)	K03600	K03600	K03600	K03600
8	Motor Bracket – Motor Frames 254JP-256JP	P53032	P53032	P53032	P53032
8	Motor Bracket – Motor Frames 284JP-286JP & 324JP-326JP	P53036	P53036	P53036	P53036
8	Motor Bracket – F Construction Motor Frames 254JP-256JP	—	P90533	P90533	P90533
8	Motor Bracket – F Construction Motor Frames 284JP, 286JP, 324JP & 326JP	—	P90534	P90534	P90534
10	Motor Bracket Capscrew for Above (4)	P13780	P13780	P13780	P13780
13	Seal Kit 1¼" Shaft	186860	186862LF	186862LF	186861LF
13	Seal Kit 1⅝" Shaft	186544	186543LF	186543LF	185225LF
11	Shaft Sleeve Kit 1¼" Shaft	185025	185024LF	185024LF	185024LF
11	Shaft Sleeve Kit 1⅝" Shaft	185022	185021LF	185021LF	185021LF
12	Water Slinger 1⅝" Shaft	P53720	P53720	P53720	P53720

PARTS FOR STUFFING BOX CONSTRUCTION

8	Motor Bracket – Motor Frames 143-145JP	P85023	P85023	P85023	P85023
8	Motor Bracket – Motor Frames 213JP, 215JP, 254JP & 256JP	P85025	P85025	P85025	P85025
10	Motor Bracket Capscrew for Above (4)	K03600	K03600	K03600	K03600
8	Motor Bracket – Motor Frames 284JP, 286JP, 324JP & 326JP	P85099	P85099	P85099	P85099
10	Motor Bracket Capscrew for Above (4)	P19490	P19490	P19490	P19490
15	Volute Coverplate 1¼" Shaft	P53052	P53052	P53052	P53052
15	Volute Coverplate 1⅝" Shaft	P53056	P53056	P53056	P53056
16	Volute Coverplate Capscrew 1⅝" Shaft (8)	P52320	P52320	P52320	P52320
	Packing	See Table C or D, Page 30			
	Single Seal Components	See Table A, Page 30			
	Double Seal Components	See Table B, Page 30			
	Shaft Sleeve	See Table A, B, C, or D, Page 30			
1	Volute – 250 PSI Operation for PF and S Seals Only	P85648	P85648	*P82964	P85648
12	Water Slinger 1⅝" Shaft	P77320	P77320	P77320	P77320

NOTE: 1¼" Shaft – up to and including Motor Frame 215JM. 1⅝" Shaft – Motor Frame 213JP and larger.

*Includes Wear Ring

– Factory recommended spare parts.

SERIES A-C 1500 PARTS LIST

4 X 4 X 7 PUMPS

ITEM NO.	DESCRIPTION	PUMP CONSTRUCTION			
		ALL IRON	BRONZE FITTED		
			STANDARD	W/WEAR RING	W/EPT SEAL

PARTS COMMON TO BOTH TYPES

6	Impeller (State Diameter) 1¼" Shaft	P85417	P85419	P85419	P85419
6	Impeller (State Diameter) 1⅝" Shaft	P85439	P85441	P85441	P85441
3	Impeller Capscrew 1¼" Shaft	P52350	P52350	P52350	P52350
3	Impeller Capscrew 1⅝" Shaft	P13800	P13800	P13800	P13800
4	Impeller Lockwasher 1¼" Shaft	J23874	J23874	J23874	J23874
4	Impeller Lockwasher 1⅝" Shaft	J23875	J23875	J23875	J23875
5	Impeller Washer 1¼" Shaft	P46381	P46390	P46390	P46390
5	Impeller Washer 1⅝" Shaft	P46382	P51250	P51250	P51250
7	Impeller Key 1¼" Shaft	P49369	P49369	P49369	P49369
7	Impeller Key 1⅝" Shaft	P49372	P49372	P49372	P49372
1	Volute	P85331	P85331	*P85616	P85331
	Wear Ring	—	—	P85397	—
	Volute Drain Plug ¼" (5)	P39050	P39040	P39040	P39040
2	Volute Gasket	P57700	P57700	P57700	P57700
12	Water Slinger 1¼" Shaft	P53550	P53550	P53550	P53550

PARTS FOR STANDARD SEAL CONSTRUCTION

8	Motor Bracket – Motor Frames 143JM, 182JM-184JM	186526	186526	186526	186526
8	Motor Bracket – F Construction Motor Frames 145JM, 182JM-184JM	—	P90523	P90523	P90523
10	Motor Bracket Capscrew for Above (4)	P40020	P40020	P40020	P40020
8	Motor Bracket – Motor Frames 213JM-215JM	186528	186528	186528	186528
8	Motor Bracket – F Construction Motor Frames 213JM-215JM	—	P90524	P90524	P90524
10	Motor Bracket Capscrew for Above (4)	K03600	K03600	K03600	K03600
8	Motor Bracket – Motor Frames 254JP-256JP	P77166	P77166	P77166	P77166
8	Motor Bracket – F Construction Motor Frames 254JP-256JP	—	P90525	P90525	P90525
10	Motor Bracket Capscrew for Above (4)	P13780	P13780	P13780	P13780
8	Motor Bracket – Motor Frames 284JP-286JP	P53880	P53880	P53880	P53880
8	Motor Bracket – F Construction Motor Frames 284JP-286JP	—	P90526	P90526	P90526
10	Motor Bracket Capscrew for Above (4)	P19490	P19490	P19490	P19490
9	Volute Capscrew (8)	P40020	P40020	P40020	P40020
13	Seal Kit 1¼" Shaft	186860	186862LF	186862LF	186861LF
13	Seal Kit 1⅝" Shaft	186544	186543LF	186543LF	185225LF
11	Shaft Sleeve Kit 1¼" Shaft	185025	185024LF	185024LF	185024LF
11	Shaft Sleeve Kit 1⅝" Shaft	185022	185021LF	185021LF	185021LF
12	Water Slinger 1⅝" Shaft	P53720	P53720	P53720	P53720

PARTS FOR STUFFING BOX CONSTRUCTION

8	Motor Bracket – Motor Frames 145JP, 182JP & 184JP	P85023	P85023	P85023	Not Offered
10	Motor Bracket Capscrew for Above (4)	P40020	P40020	P40020	
15	Volute Coverplate 1¼" Shaft	P85027	P85027	P85027	
16	Volute Coverplate Capscrew 1¼" Shaft (4)	P52320	P52320	P52320	
8	Motor Bracket – Motor Frames 213JP, 215JP, 254JP & 256JP	P85025	P85025	P85025	
10	Motor Bracket Capscrew for Above (4)	K03600	K03600	K03600	
8	Motor Bracket – Motor Frames 284JP & 286JP	P85099	P85099	P85099	
10	Motor Bracket Capscrew for Above (4)	P19490	P19490	P19490	
15	Volute Coverplate 1⅝" Shaft	P85035	P85035	P85035	
	Packing	See Table C or D, Page 30			
	Single Seal Components	See Table A, Page 30			
	Double Seal Components	See Table B, Page 30			
	Shaft Sleeve	See Table A, B, C, or D, Page 30			
1	Volute – 250 PSI Operation for PF and S Seals Only	P85332	P85332	*P85617	
9	Volute Capscrew 1¼" Shaft (8)	P40020	P40020	P40020	
9	Volute Capscrew 1⅝" Shaft (8)	H28300	H28300	H28300	
12	Water Slinger 1⅝" Shaft	P77320	P77320	P77320	

NOTE: 1¼" Shaft – up to and including Motor Frame 215JM. 1⅝" Shaft – Motor Frame 213JP and larger.

*Includes Wear Ring

– Factory recommended spare parts.

SERIES A-C 1500 PARTS LIST

4 X 4 X 9½ PUMPS

ITEM NO.	DESCRIPTION	PUMP CONSTRUCTION			
		ALL IRON	BRONZE FITTED		
			STANDARD	W/WEAR RING	W/EPT SEAL

PARTS COMMON TO BOTH TYPES

6	Impeller (State Diameter) 1¼" Shaft	P85454	P85466	P85466	P85466
6	Impeller (State Diameter) 1⅝" Shaft	P85455	P85468	P85468	P85468
3	Impeller Capscrew 1¼" Shaft	P52350	P52350	P52350	P52350
3	Impeller Capscrew 1⅝" Shaft	P13800	P13800	P13800	P13800
4	Impeller Lockwasher 1¼" Shaft	J23874	J23874	J23874	J23874
4	Impeller Lockwasher 1⅝" Shaft	J23875	J23875	J23875	J23875
5	Impeller Washer 1¼" Shaft	P46381	P46390	P46390	P46390
5	Impeller Washer 1⅝" Shaft	P46382	P51250	P51250	P51250
7	Impeller Key 1¼" Shaft	P49369	P49369	P49369	P49369
7	Impeller Key 1⅝" Shaft	P49372	P49372	P49372	P49372
1	Volute	P85371	P85371	*P85620	P85371
	Wear Ring	—	—	P85401	—
	Volute Drain Plug ¼" (5)	P39050	P39040	P39040	P39040
9	Volute Capscrew (12)	P03470	P03470	P03470	P03470
2	Volute Gasket	P48690	P48690	P48690	P48690
12	Water Slinger 1¼" Shaft	P53550	P53550	P53550	P53550

PARTS FOR STANDARD SEAL CONSTRUCTION

8	Motor Bracket – Motor Frames 213JM-215JM	186530	186530	186530	186530
8	Motor Bracket – F Construction Motor Frames 213JM-215JM	—	P90528	P90528	P90528
10	Motor Bracket Capscrew for Above (4)	K03600	K03600	K03600	K03600
8	Motor Bracket – Motor Frames 254JP-256JP	P77166	P77166	P77166	P77166
8	Motor Bracket – F Construction Motor Frames 254JP-256JP	—	P90529	P90529	P90529
10	Motor Bracket Capscrew for Above (4)	P13780	P13780	P13780	P13780
13	Seal Kit 1¼" Shaft	186860	186862LF	186862LF	186861LF
13	Seal Kit 1⅝" Shaft	186544	186543LF	186543LF	185225LF
11	Shaft Sleeve Kit 1¼" Shaft	185025	185024LF	185024LF	185024LF
11	Shaft Sleeve Kit 1⅝" Shaft	185022	185021LF	185021LF	185021LF
12	Water Slinger 1⅝" Shaft	P53720	P53720	P53720	P53720

PARTS FOR STUFFING BOX CONSTRUCTION

8	Motor Bracket – Motor Frames 213JP-215JP, 254JP-256JP	P85025	P85025	P85025	Not Offered
10	Motor Bracket Capscrew for Above (4)	K03600	K03600	K03600	
15	Volute Coverplate	P85039	P85039	P85039	
16	Volute Coverplate Capscrew (8)	P52320	P52320	P52320	
	Packing	See Table C or D, Page 30			
	Single Seal Components	See Table A, Page 30			
	Double Seal Components	See Table B, Page 30			
	Shaft Sleeve	See Table A, B, C, or D, Page 30			
1	Volute – 250 PSI Operation for PF and S Seals Only	P85372	P85372	*P85621	
12	Water Slinger 1½” Shaft	P77320	P77320	P77320	

NOTE: 1¼" Shaft – up to and including Motor Frame 215JM. 1⅝" Shaft – Motor Frame 213JP and larger.

*Includes Wear Ring

– Factory recommended spare parts.

SERIES A-C 1500 PARTS LIST

4 X 4 X 11 PUMPS

ITEM NO.	DESCRIPTION	PUMP CONSTRUCTION			
		ALL IRON	BRONZE FITTED		
			STANDARD	W/WEAR RING	W/EPT SEAL

PARTS COMMON TO BOTH TYPES

6	Impeller (State Diameter) 1¼" Shaft	P50973	P50971	P50971	P50971
6	Impeller (State Diameter) 1⅝" Shaft	P50974	P50972	P50972	P50972
3	Impeller Capscrew 1¼" Shaft	P52350	P52350	P52350	P52350
3	Impeller Capscrew 1⅝" Shaft	P13800	P13800	P13800	P13800
4	Impeller Lockwasher 1¼" Shaft	J23874	J23874	J23874	J23874
4	Impeller Lockwasher 1⅝" Shaft	J23875	J23875	J23875	J23875
5	Impeller Washer 1¼" Shaft	P46381	P46390	P46390	P46390
5	Impeller Washer 1⅝" Shaft	P46382	P51250	P51250	P51250
7	Impeller Key 1¼" Shaft	P49369	P49369	P49369	P49369
7	Impeller Key 1⅝" Shaft	P49372	P49372	P49372	P49372
1	Volute	P85628	P85628	*P85640	P85628
	Wear Ring	—	—	P50650	—
	Volute Drain Plug ¼" (3)	P39050	P39040	P39040	P39040
9	Volute Capscrew (12)	P13780	P13780	P13780	P13780
2	Volute Gasket	P80765	P80765	P80765	P80765
12	Water Slinger 1¼" Shaft	P53550	P53550	P53550	P53550

PARTS FOR STANDARD SEAL CONSTRUCTION

8	Motor Bracket – Motor Frames 182JM-184JM	P53022	P53022	P53022	P53022
8	Motor Bracket – F Construction Motor Frames 182JM-184JM	—	P90531	P90531	P90531
10	Motor Bracket Capscrew for Above (4)	P40020	P40020	P40020	P40020
8	Motor Bracket – Motor Frames 213JM-215JM	P53026	P53026	P53026	P53026
8	Motor Bracket – F Construction Motor Frames 213JM-215JM	—	P90532	P90532	P90532
10	Motor Bracket Capscrew for Above (4)	K03600	K03600	K03600	K03600
8	Motor Bracket – Motor Frames 254JP-256JP	P53032	P53032	P53032	P53032
8	Motor Bracket – F Construction Motor Frames 254JP-256JP	—	P90533	P90533	P90533
10	Motor Bracket Capscrew for Above (4)	P13780	P13780	P13780	P13780
13	Seal Kit 1¼" Shaft	186860	186862LF	186862LF	186861LF
13	Seal Kit 1⅝" Shaft	186544	186543LF	186543LF	185225LF
11	Shaft Sleeve Kit 1¼" Shaft	185025	185024LF	185024LF	185024LF
11	Shaft Sleeve Kit 1⅝" Shaft	185022	185021LF	185021LF	185021LF
12	Water Slinger 1⅝" Shaft	P53720	P53720	P53720	P53720

PARTS FOR STUFFING BOX CONSTRUCTION

8	Motor Bracket – Motor Frames 182JP-184JP	P85023	P85023	P85023	Not Offered
10	Motor Bracket Capscrew for Above (4)	P40020	P40020	P40020	
15	Volute Coverplate 1¼" Shaft	P53052	P53052	P53052	
16	Volute Coverplate Capscrew 1¼" Shaft (4)	P52320	P52320	P52320	
8	Motor Bracket – Motor Frames 213JP, 215JP, 254JP & 256JP	P85025	P85025	P85025	
10	Motor Bracket Capscrew for Above (4)	K03600	K03600	K03600	
15	Volute Coverplate 1⅝" Shaft	P53056	P53056	P53056	
16	Volute Coverplate Capscrew 1⅝" Shaft (8)	P52320	P52320	P52320	
	Packing	See Table C or D, Page 30			
	Single Seal Components	See Table A, Page 30			
	Double Seal Components	See Table B, Page 30			
	Shaft Sleeve	See Table A, B, C, or D, Page 30			
1	Volute – 250 PSI Operation for PF and S Seals Only	P85629	P85629	*P85643	
12	Water Slinger 1⅝" Shaft	P77320	P77320	P77320	

NOTE: 1¼" Shaft – up to and including Motor Frame 215JM. 1⅝" Shaft – Motor Frame 213JP and larger.

*Includes Wear Ring

– Factory recommended spare parts.

SERIES A-C 1500 PARTS LIST

5 X 5 X 7 PUMPS

ITEM NO.	DESCRIPTION	PUMP CONSTRUCTION			
		ALL IRON	BRONZE FITTED		
			STANDARD	W/WEAR RING	W/EPT SEAL

PARTS COMMON TO BOTH TYPES

6	Impeller (State Diameter) 1¼" Shaft	P85471	P85470	P85470	P85470
6	Impeller (State Diameter) 1⅝" Shaft	P85473	P85472	P85472	P85472
3	Impeller Capscrew 1¼" Shaft	P52350	P52350	P52350	P52350
3	Impeller Capscrew 1⅝" Shaft	P13800	P13800	P13800	P13800
4	Impeller Lockwasher 1¼" Shaft	J23874	J23874	J23874	J23874
4	Impeller Lockwasher 1⅝" Shaft	J23875	J23875	J23875	J23875
5	Impeller Washer 1¼" Shaft	P46381	P46390	P46390	P46390
5	Impeller Washer 1⅝" Shaft	P46382	P51250	P51250	P51250
7	Impeller Key 1¼" Shaft	P49369	P49369	P49369	P49369
7	Impeller Key 1⅝" Shaft	P49372	P49372	P49372	P49372
1	Volute	P85334	P85334	*P85510	P85334
	Wear Ring	—	—	P49141	—
	Volute Drain Plug ¼" (5)	P39050	P39040	P39040	P39040
2	Volute Gasket	P57700	P57700	P57700	P57700
12	Water Slinger 1¼" Shaft	P53550	P53550	P53550	P53550

PARTS FOR STANDARD SEAL CONSTRUCTION

8	Motor Bracket – Motor Frames 145JM, 182JM-184JM	186526	186526	186526	186526
8	Motor Bracket – F Construction Motor Frames 145JM, 182JM-184JM	—	P90523	P90523	P90523
10	Motor Bracket Capscrew for Above (4)	P40020	P40020	P40020	P40020
8	Motor Bracket – Motor Frames 213JM-215JM	186528	186528	186528	186528
8	Motor Bracket – F Construction Motor Frames 213JM-215JM	—	P90524	P90524	P90524
10	Motor Bracket Capscrew for Above (4)	K03600	K03600	K03600	K03600
8	Motor Bracket – Motor Frames 254JP-256JP	P77076	P77076	P77076	P77076
8	Motor Bracket – F Construction Motor Frames 254JP-256JP	—	P90525	P90525	P90525
10	Motor Bracket Capscrew for Above (4)	P13780	P13780	P13780	P13780
8	Motor Bracket – Motor Frames 284JP-286JP, 324JP-326JP	P53880	P53880	P53880	P53880
8	Motor Bracket – F Construction Motor Frames 284JP-286JP, 324JP-326JP	—	P90526	P90526	P90526
10	Motor Bracket Capscrew for Above (4)	P19490	P19490	P19490	P19490
9	Volute Capscrew (8)	P40020	P40020	P40020	P40020
13	Seal Kit 1¼" Shaft	186860	186862LF	186862LF	186861LF
13	Seal Kit 1⅝" Shaft	186544	186543LF	186543LF	185225LF
11	Shaft Sleeve Kit 1¼" Shaft	185025	185024LF	185024LF	185024LF
11	Shaft Sleeve Kit 1⅝" Shaft	185022	185021LF	185021LF	185021LF
12	Water Slinger 1⅝" Shaft	P53720	P53720	P53720	P53720

PARTS FOR STUFFING BOX CONSTRUCTION

8	Motor Bracket – Motor Frames 145JP, 182JP & 184JP	P85023	P85023	P85023	Not Offered
10	Motor Bracket Capscrew for Above (4)	P40020	P40020	P40020	
15	Volute Coverplate 1¼" Shaft	P85027	P85027	P85027	
16	Volute Coverplate Capscrew 1¼" Shaft (4)	P52320	P52320	P52320	
8	Motor Bracket – Motor Frames 213JP, 215JP, 254JP & 256JP	P85025	P85025	P85025	
10	Motor Bracket Capscrew for Above (4)	K03600	K03600	K03600	
8	Motor Bracket – Motor Frames 284JP & 286JP, 324JP & 326JP	P85099	P85099	P85099	
10	Motor Bracket Capscrew for Above (4)	P19490	P19490	P19490	
15	Volute Coverplate 1⅝" Shaft	P85035	P85035	P85035	
	Packing	See Table C or D, Page 30			
	Single Seal Components	See Table A, Page 30			
	Double Seal Components	See Table B, Page 30			
	Shaft Sleeve	See Table A, B, C, or D, Page 30			
1	Volute – 250 PSI Operation for PF and S Seals Only	P85335	P85335	*P85511	
9	Volute Capscrew 1¼" Shaft	P40020	P40020	P40020	
9	Volute Capscrew 1⅝" Shaft	H28300	H28300	H28300	
12	Water Slinger 1⅝" Shaft	P77320	P77320	P77320	

NOTE: 1¼" Shaft – up to and including Motor Frame 215JM. 1⅝" Shaft – Motor Frame 213JP and larger.

*Includes Wear Ring

– Factory recommended spare parts.

SERIES A-C 1500 PARTS LIST

5 X 5 X 9½ PUMPS

ITEM NO.	DESCRIPTION	PUMP CONSTRUCTION			
		ALL IRON	BRONZE FITTED		
			STANDARD	W/WEAR RING	W/EPT SEAL

PARTS COMMON TO BOTH TYPES

6	Impeller (State Diameter) 1¼" Shaft	P85566	P85524	P85524	P85524
6	Impeller (State Diameter) 1⅝" Shaft	P85572	P85536	P85536	P85536
3	Impeller Capscrew 1¼" Shaft	P52350	P52350	P52350	P52350
3	Impeller Capscrew 1⅝" Shaft	P13800	P13800	P13800	P13800
4	Impeller Lockwasher 1¼" Shaft	J23874	J23874	J23874	J23874
4	Impeller Lockwasher 1⅝" Shaft	J23875	J23875	J23875	J23875
5	Impeller Washer 1¼" Shaft	P46381	P46390	P46390	P46390
5	Impeller Washer 1⅝" Shaft	P46382	P51250	P51250	P51250
7	Impeller Key 1¼" Shaft	P49369	P49369	P49369	P49369
7	Impeller Key 1⅝" Shaft	P49372	P49372	P49372	P49372
1	Volute	P85368	P85368	*P85612	P85368
	Wear Ring	—	—	P49142	—
	Volute Drain Plug ¼" (5)	P39050	P39040	P39040	P39040
9	Volute Capscrew (12)	P03470	P03470	P03470	P03470
2	Volute Gasket	P48690	P48690	P48690	P48690
12	Water Slinger 1¼" Shaft	P53550	P53550	P53550	P53550

PARTS FOR STANDARD SEAL CONSTRUCTION

8	Motor Bracket – Motor Frames 213JM-215JM	186530	186530	186530	186530
8	Motor Bracket – F Construction Motor Frames 213JM-215JM	—	P90528	P90528	P90528
10	Motor Bracket Capscrew for Above (4)	K03600	K03600	K03600	K03600
8	Motor Bracket – Motor Frames 254JP-256JP	P77166	P77166	P77166	P77166
8	Motor Bracket – F Construction Motor Frames 254JP-256JP	—	P90529	P90529	P90529
10	Motor Bracket Capscrew for Above (4)	P13780	P13780	P13780	P13780
13	Seal Kit 1¼" Shaft	186860	186862LF	186862LF	186861LF
13	Seal Kit 1⅝" Shaft	186544	186543LF	186543LF	185225LF
11	Shaft Sleeve Kit 1¼" Shaft	185025	185024LF	185024LF	185024LF
11	Shaft Sleeve Kit 1⅝" Shaft	185022	185021LF	185021LF	185021LF
12	Water Slinger 1⅝" Shaft	P53720	P53720	P53720	P53720

PARTS FOR STUFFING BOX CONSTRUCTION

8	Motor Bracket – Motor Frames 213JP-215JP, 254JP-256JP	P85025	P85025	P85025	Not Offered
10	Motor Bracket Capscrew for Above (4)	K03600	K03600	K03600	
15	Volute Coverplate	P85039	P85039	P85039	
16	Volute Coverplate Capscrew (8)	P52320	P52320	P52320	
	Packing	See Table C or D, Page 30			
	Single Seal Components	See Table A, Page 30			
	Double Seal Components	See Table B, Page 30			
	Shaft Sleeve	See Table A, B, C, or D, Page 30			
1	Volute – 250 PSI Operation for PF and S Seals Only	P85369	P85369	*P85613	
12	Water Slinger 1⅝" Shaft	P77320	P77320	P77320	

NOTE: 1¼" Shaft – up to and including Motor Frame 215JM. 1⅝" Shaft – Motor Frame 213JP and larger.

*Includes Wear Ring

– Factory recommended spare parts.

SERIES A-C 1500 PARTS LIST

6 X 6 X 7 PUMPS

ITEM NO.	DESCRIPTION	PUMP CONSTRUCTION			
		ALL IRON	BRONZE FITTED		
			STANDARD	W/WEAR RING	W/EPT SEAL

PARTS COMMON TO BOTH TYPES

6	Impeller (State Diameter) 1¼" Shaft	P85538	P85537	P85537	P85537
6	Impeller (State Diameter) 1⅝" Shaft	P85540	P85539	P85539	P85539
3	Impeller Capscrew 1¼" Shaft	P52350	P52350	P52350	P52350
3	Impeller Capscrew 1⅝" Shaft	P13800	P13800	P13800	P13800
4	Impeller Lockwasher 1¼" Shaft	J23874	J23874	J23874	J23874
4	Impeller Lockwasher 1⅝" Shaft	J23875	J23875	J23875	J23875
5	Impeller Washer 1¼" Shaft	P46381	P46390	P46390	P46390
5	Impeller Washer 1⅝" Shaft	P46382	P51250	P51250	P51250
7	Impeller Key 1¼" Shaft	P49369	P49369	P49369	P49369
7	Impeller Key 1⅝" Shaft	P49372	P49372	P49372	P49372
1	Volute	P85337	P85337	*P85512	P85337
	Wear Ring	—	—	P49142	—
	Volute Drain Plug ¼" (5)	P39050	P39040	P39040	P39040
2	Volute Gasket	P57700	P57700	P57700	P57700
12	Water Slinger 1¼" Shaft	P53550	P53550	P53550	P53550

PARTS FOR STANDARD SEAL CONSTRUCTION

8	Motor Bracket – Motor Frames 182JM-184JM	186526	186526	186526	186526
8	Motor Bracket – F Construction Motor Frames 182JM-184JM	—	P90523	P90523	P90523
10	Motor Bracket Capscrew for Above (4)	P40020	P40020	P40020	P40020
8	Motor Bracket – Motor Frames 213JM-215JM	186528	186528	186528	186528
8	Motor Bracket – F Construction Motor Frames 213JM-215JM	—	P90524	P90524	P90524
10	Motor Bracket Capscrew for Above (4)	K03600	K03600	K03600	K03600
8	Motor Bracket – Motor Frames 254JP-256JP	P77076	P77076	P77076	P77076
8	Motor Bracket – F Construction Motor Frames 254JP-256JP	—	P90525	P90525	P90525
10	Motor Bracket Capscrew for Above (4)	P13780	P13780	P13780	P13780
8	Motor Bracket – Motor Frames 284JP-286JP, 324JP-326JP	P53880	P53880	P53880	P53880
8	Motor Bracket – F Construction Motor Frames 284JP-286JP, 324JP-326JP	—	P90526	P90526	P90526
10	Motor Bracket Capscrew for Above (4)	P19490	P19490	P19490	P19490
9	Volute Capscrew (8)	P40020	P40020	P40020	P40020
13	Seal Kit 1¼" Shaft	186860	186862LF	186862LF	186861LF
13	Seal Kit 1⅝" Shaft	186544	186543LF	186543LF	185225LF
11	Shaft Sleeve Kit 1¼" Shaft	185025	185024LF	185024LF	185024LF
11	Shaft Sleeve Kit 1⅝" Shaft	185022	185021LF	185021LF	185021LF
12	Water Slinger 1⅝" Shaft	P53720	P53720	P53720	P53720

PARTS FOR STUFFING BOX CONSTRUCTION

8	Motor Bracket – Motor Frames 182JP & 184JP	P85023	P85023	P85023	Not Offered
10	Motor Bracket Capscrew for Above (4)	P40020	P40020	P40020	
15	Volute Coverplate 1¼" Shaft	P85027	P85027	P85027	
16	Volute Coverplate Capscrew 1¼" Shaft (4)	P52320	P52320	P52320	
8	Motor Bracket – Motor Frames 213JP, 215JP, 254JP & 256JP	P85025	P85025	P85025	
10	Motor Bracket Capscrew for Above (4)	K03600	K03600	K03600	
8	Motor Bracket – Motor Frames 284JP & 286JP, 324JP & 326JP	P85099	P85099	P85099	
10	Motor Bracket Capscrew for Above (4)	P19490	P19490	P19490	
15	Volute Coverplate 1⅝" Shaft	P85035	P85035	P85035	
	Packing	See Table C or D, Page 30			
	Single Seal Components	See Table A, Page 30			
	Double Seal Components	See Table B, Page 30			
	Shaft Sleeve	See Table A, B, C, or D, Page 30			
1	Volute – 250 PSI Operation for PF and S Seals Only	P85338	P85338	*P85513	
9	Volute Capscrew 1¼" Shaft	P40020	P40020	P40020	
9	Volute Capscrew 1⅝" Shaft	H28300	H28300	H28300	
12	Water Slinger 1⅝" Shaft	P77320	P77320	P77320	

NOTE: 1¼" Shaft – up to and including Motor Frame 215JM. 1⅝" Shaft – Motor Frame 213JP and larger.

*Includes Wear Ring

— Factory recommended spare parts.

SERIES A-C 1500 PARTS LIST

6 X 6 X 9½ PUMPS

ITEM NO.	DESCRIPTION	PUMP CONSTRUCTION			
		ALL IRON	BRONZE FITTED		
			STANDARD	W/WEAR RING	W/EPT SEAL

PARTS COMMON TO BOTH TYPES

6	Impeller (State Diameter) 1¼" Shaft	P85542	P85541	P85541	P85541
6	Impeller (State Diameter) 1⅝" Shaft	P85545	P85544	P85544	P85544
3	Impeller Capscrew 1¼" Shaft	P52350	P52350	P52350	P52350
3	Impeller Capscrew 1⅝" Shaft	P13800	P13800	P13800	P13800
4	Impeller Lockwasher 1¼" Shaft	J23874	J23874	J23874	J23874
4	Impeller Lockwasher 1⅝" Shaft	J23875	J23875	J23875	J23875
5	Impeller Washer 1¼" Shaft	P46381	P46390	P46390	P46390
5	Impeller Washer 1⅝" Shaft	P46382	P51250	P51250	P51250
7	Impeller Key 1¼" Shaft	P49369	P49369	P49369	P49369
7	Impeller Key 1⅝" Shaft	P49372	P49372	P49372	P49372
1	Volute	P85374	P85374	*P85514	P85374
	Wear Ring	—	—	P49143	—
	Volute Drain Plug ¼" (5)	P39050	P39040	P39040	P39040
9	Volute Capscrew (12)	P03470	P03470	P03470	P03470
2	Volute Gasket	P48690	P48690	P48690	P48690
12	Water Slinger 1¼" Shaft	P53550	P53550	P53550	P53550

PARTS FOR STANDARD SEAL CONSTRUCTION

8	Motor Bracket – Motor Frames 213JM-215JM	186530	186530	186530	186530
8	Motor Bracket – F Construction Motor Frames 213JM-215JM	—	P90528	P90528	P90528
10	Motor Bracket Capscrew for Above (4)	K03600	K03600	K03600	K03600
8	Motor Bracket – Motor Frames 254JP-256JP	P77166	P77166	P77166	P77166
8	Motor Bracket – F Construction Motor Frames 254JP-256JP	—	P90529	P90529	P90529
10	Motor Bracket Capscrew for Above (4)	P13780	P13780	P13780	P13780
8	Motor Bracket – Motor Frames 284JP	P53500	P53500	P53500	P53500
8	Motor Bracket – F Construction Motor Frames 284JP	—	P90530	P90530	P90530
10	Motor Bracket Capscrew for Above (4)	P19490	P19490	P19490	P19490
13	Seal Kit 1¼" Shaft	186860	186862LF	186862LF	186861LF
13	Seal Kit 1⅝" Shaft	186544	186543LF	186543LF	185225LF
11	Shaft Sleeve Kit 1¼" Shaft	185025	185024LF	185024LF	185024LF
11	Shaft Sleeve Kit 1⅝" Shaft	185022	185021LF	185021LF	185021LF
12	Water Slinger 1⅝" Shaft	P53720	P53720	P53720	P53720

PARTS FOR STUFFING BOX CONSTRUCTION

8	Motor Bracket – Motor Frames 213JP, 215JP, 254JP & 256JP	P85025	P85025	P85025	Not Offered
10	Motor Bracket Capscrew for Above (4)	K03600	K03600	K03600	
8	Motor Bracket – Motor Frame 284JP	P85099	P85099	P85099	
10	Motor Bracket Capscrew for Above (4)	P19490	P19490	P19490	
15	Volute Coverplate	P85039	P85039	P85039	
16	Volute Coverplate Capscrew (8)	P52320	P52320	P52320	
	Packing	See Table C or D, Page 30			
	Single Seal Components	See Table A, Page 30			
	Double Seal Components	See Table B, Page 30			
	Shaft Sleeve	See Table A, B, C, or D, Page 30			
1	Volute – 250 PSI Operation for PF and S Seals Only	P85375	P85375	*P85515	
12	Water Slinger 1 ⁵ / ₈ " Shaft	P77320	P77320	P77320	

NOTE: 1¼" Shaft – up to and including Motor Frame 215JM. 1⅝" Shaft – Motor Frame 213JP and larger.

*Includes Wear Ring

– Factory recommended spare parts.

SERIES A-C 1500 PARTS LIST

6 X 6 X 11 PUMPS

ITEM NO.	DESCRIPTION	PUMP CONSTRUCTION			
		ALL IRON	BRONZE FITTED		
			STANDARD	W/WEAR RING	W/EPT SEAL

PARTS COMMON TO BOTH TYPES

6	Impeller (State Diameter) 1¼" Shaft	P50976	P50975	P50975	P50975
3	Impeller Capscrew 1½/8" Shaft	P13800	P13800	P13800	P13800
4	Impeller Lockwasher 1½/8" Shaft	J23875	J23875	J23875	J23875
5	Impeller Washer 1½/8" Shaft	P46382	P51250	P51250	P51250
7	Impeller Key 1½/8" Shaft	P49372	P49372	P49372	P49372
1	Volute	P85631	P85631	*P85641	P85631
	Wear Ring	—	—	P51390	—
	Volute Drain Plug ¼" (5)	P39050	P39040	P39040	P39040
9	Volute Capscrew (16)	P13780	P13780	P13780	P13780
2	Volute Gasket	P80765	P80765	P80765	P80765

PARTS FOR STANDARD SEAL CONSTRUCTION

8	Motor Bracket – Motor Frames 254JP-256JP	P53032	P53032	P53032	P53032
8	Motor Bracket – F Construction Motor Frames 254JP-256JP	—	P90533	P90533	P90533
10	Motor Bracket Capscrew for Above (4)	P13780	P13780	P13780	P13780
8	Motor Bracket – Motor Frames 284JP-286JP, 324JP-326JP	P53036	P53036	P53036	P53036
8	Motor Bracket – F Construction Motor Frames 284JP-286JP, 324JP-326JP	—	P90534	P90534	P90534
10	Motor Bracket Capscrew for Above (4)	P19490	P19490	P19490	P19490
13	Seal Kit 1½/8" Shaft	186544	186543LF	186543LF	185225LF
11	Shaft Sleeve Kit 1½/8" Shaft	185022	185021LF	185021LF	185021LF
12	Water Slinger 1½/8" Shaft	P53720	P53720	P53720	P53720

PARTS FOR STUFFING BOX CONSTRUCTION

8	Motor Bracket – Motor Frames 254JP-256JP	P85025	P85025	P85025	Not Offered
10	Motor Bracket Capscrew for Above (4)	K03600	K03600	K03600	
8	Motor Bracket – Motor Frames 284JP-286JP, 324JP-326JP	P85099	P85099	P85099	
10	Motor Bracket Capscrew for Above (4)	P19490	P19490	P19490	
15	Volute Coverplate 1 ⁵ / ₈ ” Shaft	P53056	P53056	P53056	
16	Volute Coverplate Capscrew (8)	P52320	P52320	P52320	
	Packing	See Table C or D, Page 30			
	Single Seal Components	See Table A, Page 30			
	Double Seal Components	See Table B, Page 30			
	Shaft Sleeve	See Table A, B, C, or D, Page 30			
1	Volute – 250 PSI Operation for PF and S Seals Only	P85632	P85632	*P85644	
12	Water Slinger 1 ⁵ / ₈ ” Shaft	P77320	P77320	P77320	

– Factory recommended spare parts.

*Includes Wear Ring

SERIES A-C 1500 PARTS LIST

8 X 8 X 9½ PUMPS

ITEM NO.	DESCRIPTION	PUMP CONSTRUCTION			
		ALL IRON	BRONZE FITTED		
			STANDARD	W/WEAR RING	W/EPT SEAL

PARTS COMMON TO BOTH TYPES

6	Impeller (State Diameter) 1¼" Shaft	P85548	P85547	P85547	P85547
3	Impeller Capscrew 1½/8" Shaft	P13800	P13800	P13800	P13800
4	Impeller Lockwasher 1½/8" Shaft	J23875	J23875	J23875	J23875
5	Impeller Washer 1½/8" Shaft	P46382	P51250	P51250	P51250
7	Impeller Key 1½/8" Shaft	P49372	P49372	P49372	P49372
1	Volute	P85377	P85377	*P85516	P85377
	Wear Ring	—	—	P49144	—
	Volute Drain Plug ¼" (5)	P39050	P39040	P39040	P39040
9	Volute Capscrew (12)	P03470	P03470	P03470	P03470
2	Volute Gasket	P48690	P48690	P48690	P48690

PARTS FOR STANDARD SEAL CONSTRUCTION

8	Motor Bracket – Motor Frames 254JP-256JP	P77166	P77166	P77166	P77166
8	Motor Bracket – F Construction Motor Frames 254JP-256JP	—	P90529	P90529	P90529
10	Motor Bracket Capscrew for Above (4)	P13780	P13780	P13780	P13780
8	Motor Bracket – Motor Frames 284JP-286JP, 324JP-326JP	P53500	P53500	P53500	P53500
8	Motor Bracket – F Construction Motor Frames 284JP-286JP, 324JP-326JP	—	P90530	P90530	P90530
10	Motor Bracket Capscrew for Above (4)	P19490	P19490	P19490	P19490
13	Seal Kit 1½/8" Shaft	186544	186543LF	186543LF	185225LF
11	Shaft Sleeve Kit 1½/8" Shaft	185022	185021LF	185021LF	185021LF
12	Water Slinger 1½/8" Shaft	P53720	P53720	P53720	P53720

PARTS FOR STUFFING BOX CONSTRUCTION

8	Motor Bracket – Motor Frames 254JP-256JP	P85025	P85025	P85025	Not Offered
10	Motor Bracket Capscrew for Above (4)	K03600	K03600	K03600	
8	Motor Bracket – Motor Frames 284JP-286JP, 324JP-326JP	P85099	P85099	P85099	
10	Motor Bracket Capscrew for Above (4)	P19490	P19490	P19490	
15	Volute Coverplate	P85039	P85039	P85039	
16	Volute Coverplate Capscrew (8)	P52320	P52320	P52320	
	Packing	See Table C or D, Page 30			
	Single Seal Components	See Table A, Page 30			
	Double Seal Components	See Table B, Page 30			
	Shaft Sleeve	See Table A, B, C, or D, Page 30			
1	Volute – 250 PSI Operation for PF and S Seals Only	P85378	P85378	*P85517	
12	Water Slinger 1½” Shaft	P77320	P77320	P77320	

– Factory recommended spare parts.

*Includes Wear Ring

SERIES A-C 1500 PARTS LIST

8 X 8 X 11 PUMPS

ITEM NO.	DESCRIPTION	PUMP CONSTRUCTION			
		ALL IRON	BRONZE FITTED		
			STANDARD	W/WEAR RING	W/EPT SEAL

PARTS COMMON TO BOTH TYPES

6	Impeller (State Diameter) 1 ⁵ / ₈ " Shaft	P50978	P50977	P50977	P50977
3	Impeller Capscrew 1 ⁵ / ₈ " Shaft	P13800	P13800	P13800	P13800
4	Impeller Lockwasher 1 ⁵ / ₈ " Shaft	J23875	J23875	J23875	J23875
5	Impeller Washer 1 ⁵ / ₈ " Shaft	P46382	P51250	P51250	P51250
7	Impeller Key 1 ⁵ / ₈ " Shaft	P49372	P49372	P49372	P49372
1	Volute	P85634	P85634	*P85642	P85634
	Wear Ring	—	—	P81949	—
	Volute Drain Plug (5)	P39050	P39040	P39040	P39040
9	Volute Capscrew (16)	P13780	P13780	P13780	P13780
2	Volute Gasket	P80765	P80765	P80765	P80765

PARTS FOR STANDARD SEAL CONSTRUCTION

8	Motor Bracket – Motor Frames 254JP-256JP	P53032	P53032	P53032	P53032
8	Motor Bracket – F Construction Motor Frames 254JP-256JP	—	P90533	P90533	P90533
10	Motor Bracket Capscrew for Above (4)	P13780	P13780	P13780	P13780
8	Motor Bracket – Motor Frames 284JP-286JP, 324JP-326JP	P53036	P53036	P53036	P53036
8	Motor Bracket – F Construction Motor Frames 284JP-286JP, 324JP-326JP	—	P90534	P90534	P90534
10	Motor Bracket Capscrew for Above (4)	P19490	P19490	P19490	P19490
13	Seal Kit 1 ⁵ / ₈ " Shaft	186544	186543LF	186543LF	185225LF
11	Shaft Sleeve Kit 1 ⁵ / ₈ " Shaft	185022	185021LF	185021LF	185021LF
12	Water Slinger 1 ⁵ / ₈ " Shaft	P53720	P53720	P53720	P53720

PARTS FOR STUFFING BOX CONSTRUCTION

8	Motor Bracket – Motor Frames 254JP-256JP	P85025	P85025	P85025	Not Offered
10	Motor Bracket Capscrew for Above (4)	K03600	K03600	K03600	
8	Motor Bracket – Motor Frames 284JP-286JP, 324JP-326JP	P85099	P85099	P85099	
10	Motor Bracket Capscrew for Above (4)	P19490	P19490	P19490	
15	Volute Coverplate 1 ⁵ / ₈ ” Shaft	P53056	P53056	P53056	
16	Volute Coverplate Capscrew (8)	P52320	P52320	P52320	
	Packing	See Table C or D, Page 30			
	Single Seal Components	See Table A, Page 30			
	Double Seal Components	See Table B, Page 30			
	Shaft Sleeve	See Table A, B, C, or D, Page 30			
1	Volute – 250 PSI Operation for PF and S Seals Only	P85635	P85635	*P85645	
12	Water Slinger 1 ⁵ / ₈ ” Shaft	P77320	P77320	P77320	

– Factory recommended spare parts.

*Includes Wear Ring

SERIES A-C 1500 PARTS LIST

MECHANICAL SEALS FOR STUFFING BOX TYPE PUMPS

ITEM NO.	DESCRIPTION	NUMBER REQUIRED	1¼" SHAFT	1½" SHAFT
TABLE A – ALL IRON AND BRONZE FITTED PUMPS – SINGLE SEAL – SERIES S				
17	Seal Assembly	1	P85070	185050LF
18	Seal Cap	1	P85082	P85086
22	Seal Cap Capscrew	4	H28100	H28100
20	Seal Cap Nut	4	P52380	P52380
21	Seal Cap Washer	4	P10910	P10910
19	Seal Cap Gasket	1	P85077	P85078
11	Shaft Sleeve	1	P85075	185022

TABLE B – ALL IRON AND BRONZE FITTED PUMPS – DOUBLE SEAL – SERIES D

17	Seal Assembly	1	P85066	186843LF
18	Seal Cap	1	P85090	P85094
22	Seal Cap Capscrew	4	H28100	H28100
20	Seal Cap Nut	4	P52380	P52380
21	Seal Cap Washer	4	P10910	P10910
19	Seal Cap Gasket	1	NONE	P85078
11	Shaft Sleeve	1	P85075	185022

PACKING SETS FOR STUFFING BOX TYPE PUMPS

ITEM NO.	DESCRIPTION	NUMBER REQUIRED	1¼" SHAFT	1½" SHAFT
TABLE C – BRONZE FITTED PUMPS – SERIES PF				
23	Packing Ring Set (4 Pieces to Each Set)	1 Set	P82070	P82072
24	Lantern Ring Set (2 Halves to Each Set)	1 Set	P84985	P84986
25	Packing Gland Halves	2	P85048	P85050
26	Packing Gland Capscrew	2	J92052	J92052
27	Packing Gland Nut	2	J91659	J91659
28	Packing Gland Washer	2	J91649	J91649
11	Shaft Sleeve	1	P85075	185022

TABLE D – ALL IRON PUMPS – SERIES PF

23	Packing Ring Set (4 Pieces to Each Set)	1 Set	P82070	P82072
24	Lantern Ring Set (2 Halves to Each Set)	1 Set	P84985	P84986
25	Packing Gland Halves	2	P85049	P85051
26	Packing Gland Capscrew	2	J92052	J92052
27	Packing Gland Nut	2	J91659	J91659
28	Packing Gland Washer	2	J91649	J91649
11	Shaft Sleeve	1	P85075	185022

NOTE: Bronze Fitted Pumps are designated "BF" on nameplate. All Iron Pumps are designated "AI" on nameplate. Bronze Fitted Pumps with wearing rings are designated "BFW" on nameplate. Bronze Fitted Pumps with special "EPT" seal are designated "BFE" on nameplate and are not furnished in the "Stuffing Box" construction – only in the "Standard Seal" type.

- Factory recommended spare parts.

NOTES

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