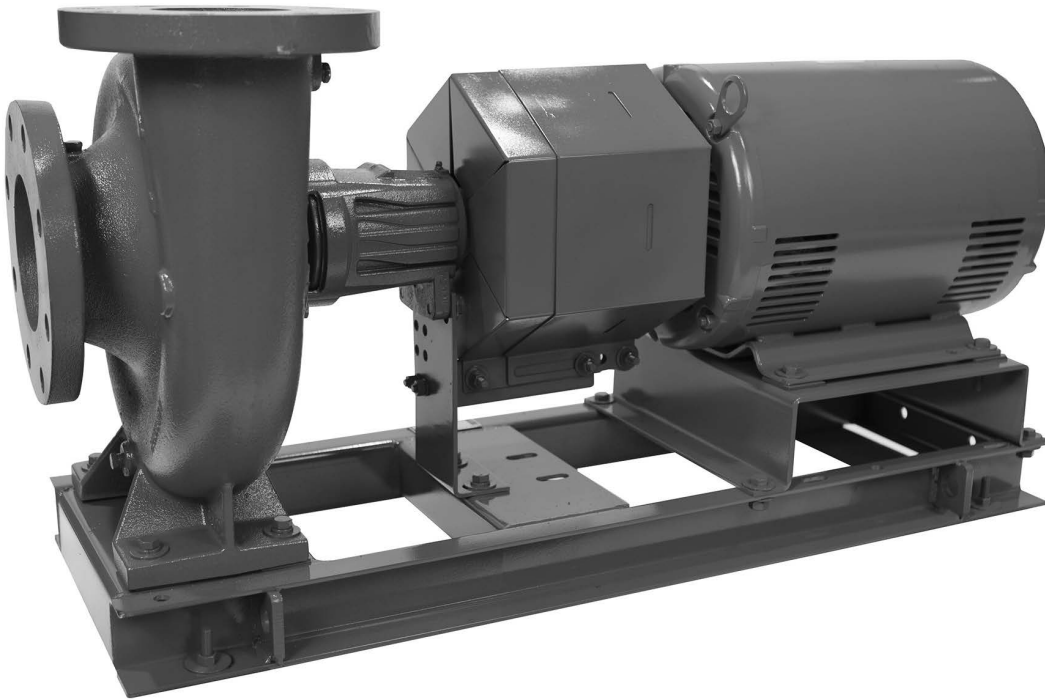


REPLACEMENT PARTS

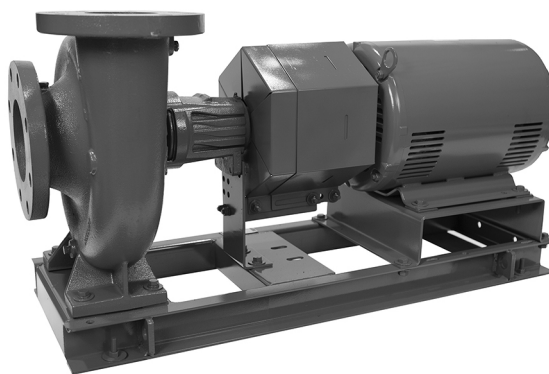
CP-605B-PL



Marlow Series 530SL

Base Mounted Centrifugal Pumps

REPLACEMENT PARTS

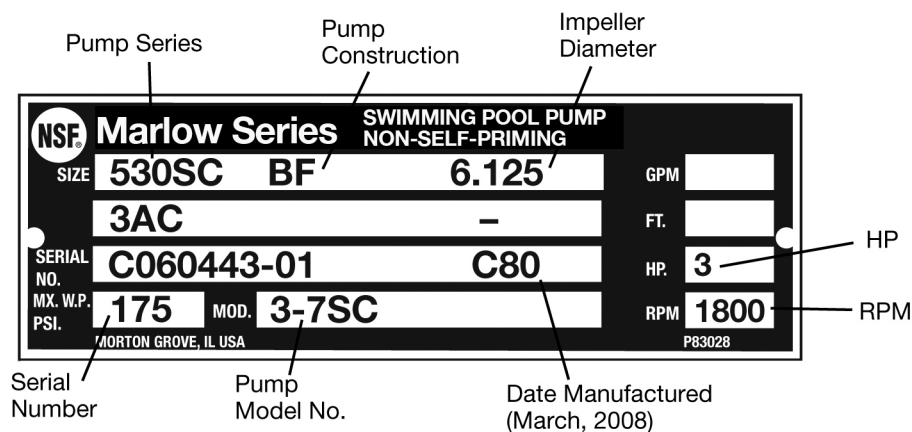


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How to use this PARTS LIST

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



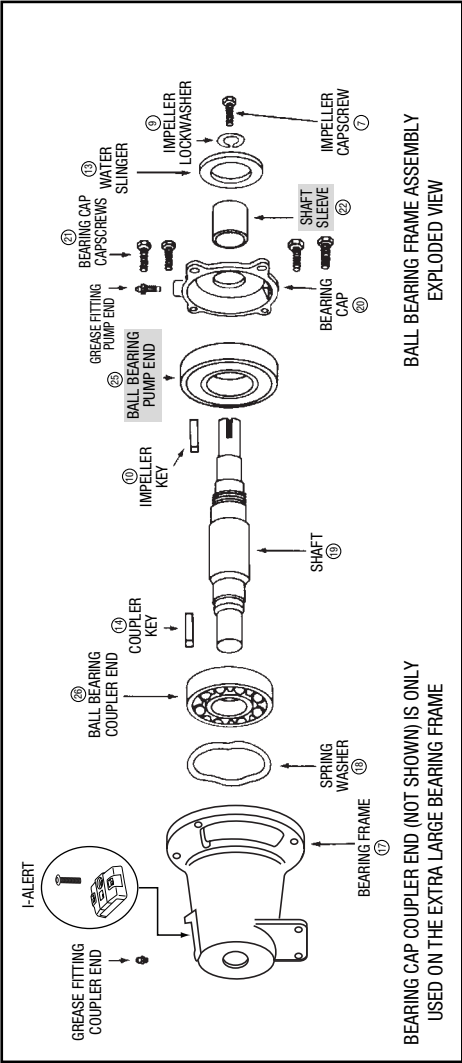
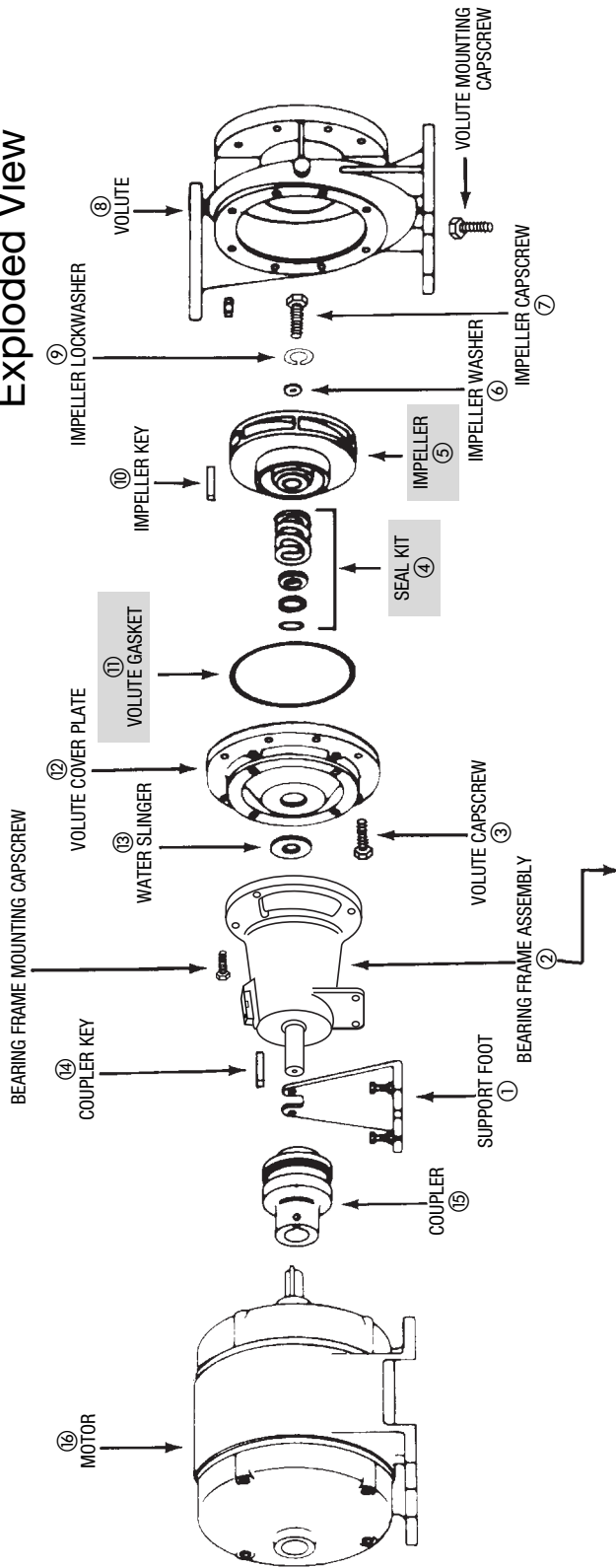
The nameplate identifies the pump in the example as a Series 530SL with Bronze Fitted (BF) construction. The pump is listed in the parts list by its maximum impeller diameter and would be called a 3-7SL pump. The actual impeller size for the example pump is 6 $\frac{1}{4}$ " as shown in the pump description space.

The shaft size varies depending on motor horsepower. The shaft size is measured at the point where the shaft enters the volute cover plate and affects the selection of the seal, shaft, sleeve, water slinger, impeller, impeller hardware and volute cover plate as indicated in the parts list.

Follow the procedure below for proper parts selection:

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

SERIES 530SL
Standard Seal Design Pump
Exploded View



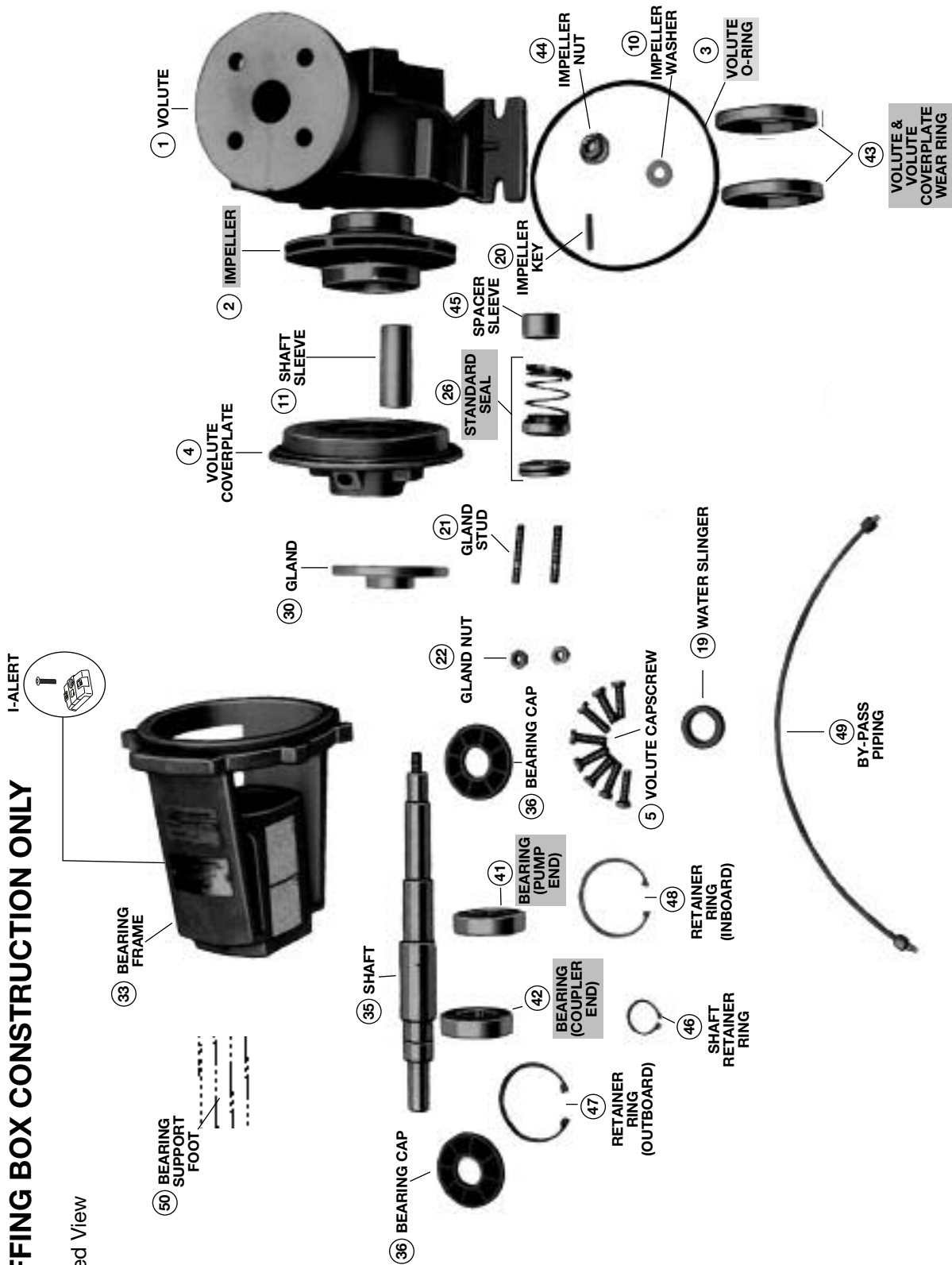
USED ON LARGE BEARING FRAMES ONLY
MANUF. BEFORE JAN. 1995 (A59)
BEARING LOCKWASHER P77375
BEARING LOCKNUT P76922

- Factory recommended
spare parts.

Series 530SL 8-13SL Pump

STUFFING BOX CONSTRUCTION ONLY

Exploded View



– Factory recommended spare parts

PARTS LIST
CP-605B-PL
(CONTINUED)

X FOR 1150 RPM OR 1750 RPM APPLICATIONS
XX FOR 3450 RPM APPLICATIONS
* USED ON 6-13SL PUMPS WITH IMPELLER DIAMETER LARGER THAN 12 1/2"
** 8-13SL PUMPS ARE STUFFING BOX CONSTRUCTION ONLY

Above chart refers to current production pumps only

1 1/4-7SL

ITEM NO.	DESCRIPTION	PUMP CONSTRUCTION		
		BRONZE FITTED	BRONZE FITTED WITH WEAR RING	EPOXY COATED WITH WEAR RING
8	Volute	P41612	*P44141	*P86458
	Wear Ring	—	P46700	P46700
	Volute Drain Plug (4)	P39020	P39020	P39020
3	Volute Capscrew (8)	P40020	P40020	P40020
11	Volute Gasket	P57700	P57700	P57700
15	Coupler		See Coupler Selection Table, Page 33	
14	Coupler Key (Straight) Aug. 1989 (H98) & After	P49373	P49373	P49373
14	Coupler Key (Woodruff) July 1989 (G89) & Before	H32600	H32600	H32600
	For ANSI/OSHA Coupling Guard & Support Bracket Kit Selection, See Chart on Page 34			
5	Impeller (State Diameter) 7" Full Dia.	P2000524	P2000524	P2000524
6	Impeller Washer	P46380	P46380	P46380
12	Volute Coverplate	186482	186482	P86430
12	Volute Coverplate – “F” Construction	P61131	P61131	NONE
4	Seal Kit Buna/Carbon/Ceramic	186862LF	186862LF	186862LF
4	Seal Kit EPR/Carbon/Tungsten Carbide	186861LF	186861LF	186861LF
2	Bearing Frame Assembly Consisting of:	185011	185011	185011
17	Bearing Frame	P77103	P77103	P77103
19 & 22	Shaft & Sleeve Kit	185308LF	185308LF	185308LF
20	Bearing Cap	P75606	P75606	P75606
25	Ball Bearing – Pump End	186002	186002	186002
26	Ball Bearing – Coupler End	186001	186001	186001
22	Shaft Sleeve	185140LF	185140LF	185140LF
7	Impeller Capscrew	P52350	P52350	P52350
9	Impeller Lockwasher	J23874	J23874	J23874
10	Impeller Key (Straight) Aug. 1989 (H98) & After	P49369	P49369	P49369
10	Impeller Key (Woodruff) July 1989 (G98) & Before	H32500	H32500	H32500
18	Spring Washer	J92558	J92558	J92558
21	Bearing Cap Capscrew (4)	J92291	J92291	J92291
13	Water Slinger	P53550	P53550	P53550
	i-ALERT Condition Monitor	185400	185400	185400

*Includes wear ring.

 – Factory recommended spare parts.

1^{1/2}-7SL

ITEM NO.	DESCRIPTION	PUMP CONSTRUCTION		
		BRONZE FITTED	BRONZE FITTED WITH WEAR RING	EPOXY COATED WITH WEAR RING
8	Volute	P45473	*P45475	*P86462
	Wear Ring	—	P48660	P48660
	Volute Drain Plug (4)	P39020	P39020	P39020
3	Volute Capscrew (8)	P40020	P40020	P40020
11	Volute Gasket	P57700	P57700	P57700
15	Coupler	See Coupler Selection Table, Page 33		
14	Coupler Key (Straight) Aug. 1989 (H98) & After	P49373	P49373	P49373
14	Coupler Key (Woodruff) July 1989 (G98) & Before	H32600	H32600	H32600
	For ANSI/OSHA Coupling Guard & Support Bracket Kit Selection, See Chart on Page 34			
5	Impeller (State Diameter) 7" Full Dia.	P2000519	P2000519	P2000519
6	Impeller Washer	P46380	P46380	P46380
12	Volute Coverplate	186482	186482	P86430
12	Volute Coverplate - "F" Construction	P61131	P61131	NONE
4	Seal Kit Buna/Carbon/Ceramic	186862LF	186862LF	186862LF
4	Seal Kit EPR/Carbon/Tungsten Carbide	186861LF	186861LF	186861LF
2	Bearing Frame Assembly Consisting of:	185011LF	185011LF	185011LF
17	Bearing Frame	P77103	P77103	P77103
19 & 22	Shaft & Sleeve Kit	185308LF	185308LF	185308LF
20	Bearing Cap	P75606	P75606	P75606
25	Ball Bearing - Pump End	186002	186002	186002
26	Ball Bearing - Coupler End	186001	186001	186001
22	Shaft Sleeve	185140LF	185140LF	185140LF
7	Impeller Capscrew	P52350	P52350	P52350
9	Impeller Lockwasher	J23874	J23874	J23874
10	Impeller Key (Straight) Aug. 1989 (H98) & After	P49369	P49369	P49369
10	Impeller Key (Woodruff) July 1989 (G98) & Before	H32500	H32500	H32500
18	Spring Washer	J92558	J92558	J92558
21	Bearing Cap Capscrew (4)	J92291	J92291	J92291
13	Water Slinger	P53550	P53550	P53550
	i-ALERT Condition Monitor	185400	185400	185400

* Includes wear ring.

 – Factory recommended spare parts.

2-7SL

ITEM NO.	DESCRIPTION	PUMP CONSTRUCTION		
		BRONZE FITTED	BRONZE FITTED WITH WEAR RING	EPOXY COATED WITH WEAR RING
8	Volute	P42254	*P44143	*P86470
	Wear Ring	—	P49145	P49145
	Volute Drain Plug (4)	P39040	P39040	P39040
3	Volute Capscrew (8)	P40020	P40020	P40020
11	Volute Gasket	P57700	P57700	P57700
15	Coupler	See Coupler Selection Table, Page 33		
14	Coupler Key (Straight) Aug. 1989 (H98) & After	P49373	P49373	P49373
14	Coupler Key (Woodruff) July 1989 (G98) & Before	H32600	H32600	H32600
	For ANSI/OSHA Coupling Guard & Support Bracket Kit Selection, See Chart on Page 34			
5	Impeller (State Diameter) 7" Full Dia.	P2000527	P2000527	P2000527
6	Impeller Washer	P46380	P46380	P46390
12	Volute Coverplate	186482	186482	P86430
12	Volute Coverplate -"F" Construction	P61131	P61131	NONE
4	Seal Kit Buna/Carbon/Ceramic	186862LF	186862LF	186862LF
4	Seal Kit EPR/Carbon/Tungsten Carbide	186861LF	186861LF	186861LF
2	Bearing Frame Assembly Consisting of:	185011LF	185011LF	185011LF
17	Bearing Frame	P77103	P77103	P77103
19 & 22	Shaft & Sleeve Kit	185308LF	185308LF	185308LF
20	Bearing Cap	P75606	P75606	P75606
25	Ball Bearing - Pump End	186002	186002	186002
26	Ball Bearing - Coupler End	186001	186001	186001
22	Shaft Sleeve	185140LF	185140LF	185140LF
7	Impeller Capscrew	P52350	P52350	P52350
9	Impeller Lockwasher	J23874	J23874	J23874
10	Impeller Key (Straight) Aug. 1989 (H98) & After	P49369	P49369	P49369
10	Impeller Key (Woodruff) July 1989 (G98) & Before	H32500	H32500	H32500
18	Spring Washer	J92558	J92558	J92558
21	Bearing Cap Capscrew (4)	J92291	J92291	J92291
13	Water Slinger	P53550	P53550	P53550
	i-ALERT Condition Monitor	185400	185400	185400

* Includes wear ring.

— Factory recommended spare parts.

2¹/₂-7SL

ITEM NO.	DESCRIPTION	PUMP CONSTRUCTION		
		BRONZE FITTED	BRONZE FITTED WITH WEAR RING	EPOXY COATED WITH WEAR RING
8	Volute	P42532	*P44145	*P86466
	Wear Ring	—	P85399	P85399
	Volute Drain Plug (4)	P39040	P39040	P39040
3	Volute Capscrew (8)	P40020	P40020	P40020
11	Volute Gasket	P57700	P57700	P57700
15	Coupler	See Coupler Selection Table, Page 33		
14	Coupler Key (Straight) Aug. 1989 (H98) & After	P49373	P49373	P49373
14	Coupler Key (Woodruff) July 1989 (G98) & Before	H32600	H32600	H32600
	For ANSI/OSHA Coupling Guard & Support Bracket Kit Selection, See Chart on Page 34			
5	Impeller (State Diameter) 7" Full Dia.	P2000531	P2000531	P2000531
6	Impeller Washer	P46380	P46380	P46380
12	Volute Coverplate	186482	186482	P86430
12	Volute Coverplate -"F" Construction	P61131	P61131	NONE
4	Seal Kit Buna/Carbon/Ceramic	186862LF	186862LF	186862LF
4	Seal Kit EPR/Carbon/Tungsten Carbide	186861LF	186861LF	186861LF
2	Bearing Frame Assembly Consisting of:	185011LF	185011LF	185011LF
17	Bearing Frame	P77103	P77103	P77103
19 & 22	Shaft & Sleeve Kit	185308LF	185308LF	185308LF
20	Bearing Cap	P75606	P75606	P75606
25	Ball Bearing - Pump End	186002	186002	186002
26	Ball Bearing - Coupler End	186001	186001	186001
22	Shaft Sleeve	185140LF	185140LF	185140LF
7	Impeller Capscrew	P52350	P52350	P52350
9	Impeller Lockwasher	J23874	J23874	J23874
10	Impeller Key (Straight) Aug. 1989 (H98) & After	P49369	P49369	P49369
10	Impeller Key (Woodruff) July 1989 (G98) & Before	H32500	H32500	H32500
18	Spring Washer	J92558	J92558	J92558
21	Bearing Cap Capscrew (4)	J92291	J92291	J92291
13	Water Slinger	P53550	P53550	P53550
	i-ALERT Condition Monitor	185400	185400	185400

* Includes wear ring.

 - Factory recommended spare parts.

3-7SL

ITEM NO.	DESCRIPTION	PUMP CONSTRUCTION		
		BRONZE FITTED	BRONZE FITTED WITH WEAR RING	EPOXY COATED WITH WEAR RING
Parts Common To Both Size Pumps				
8	Volute	P42970	*P43859	*P86478
	Wear Ring	—	P50650	P50650
	Volute Drain Plug (4)	P39040	P39040	P39040
11	Volute Gasket	P57700	P57700	P57700
15	Coupler	See Coupler Selection Table, Page 33		
14	Coupler Key (Straight) Aug. 1989 (H98) & After	P49373	P49373	P49373
14	Coupler Key (Woodruff) July 1989 (G98) & Before	H32600	H32600	H32600
	For ANSI/OSHA Coupling Guard & Support Bracket Kit Selection, See Chart on Page 34			
Parts for Pumps With 1¼" Shaft At Seal				
5	Impeller (State Diameter) 7" Full Dia.	P2000560	P2000560	P2000560
6	Impeller Washer	P46380	P46380	P46380
3	Volute Capscrew (8)	P40020	P40020	P40020
12	Volute Coverplate	186482	186482	P86430
12	Volute Coverplate - "F" Construction	P61131	P61131	NONE
4	Seal Kit Buna/Carbon/Ceramic	186862LF	186862LF	186862LF
4	Seal Kit EPR/Carbon/Tungsten Carbide	186861LF	186861LF	186861LF
2	Bearing Frame Assembly Consisting of:	185011LF	185011LF	185011LF
17	Bearing Frame	P77103	P77103	P77103
19 & 22	Shaft & Sleeve Kit	185308LF	185308LF	185308LF
20	Bearing Cap	P75606	P75606	P75606
25	Ball Bearing - Pump End	186002	186002	186002
26	Ball Bearing - Coupler End	186001	186001	186001
22	Shaft Sleeve	185140LF	185140LF	185140LF
7	Impeller Capscrew	P52350	P52350	P52350
9	Impeller Lockwasher	J23874	J23874	J23874
10	Impeller Key (Straight) Aug. 1989 (H98) & After	P49369	P49369	P49369
10	Impeller Key (Woodruff) July 1989 (G98) & Before	H32500	H32500	H32500
18	Spring Washer	J92558	J92558	J92558
21	Bearing Cap Capscrew (4)	J92291	J92291	J92291
13	Water Slinger	P53550	P53550	P53550
Parts for Pumps With 1⅝" Shaft At Seal				
5	Impeller (State Diameter) 7" Full Dia.	P2000561	P2000561	P2000561
6	Impeller Washer	P51230	P51230	P51230
3	Volute Capscrew (8)	P44250	P44250	P44250
12	Volute Coverplate	P49940	P49940	P86422
12	Volute Coverplate - "F" Construction	P49941	P49941	NONE
4	Seal Kit Buna/Carbon/Ceramic	186543LF	186543LF	186543LF
4	Seal Kit EPR/Carbon/Tungsten Carbide	185225LF	185225LF	185225LF
2	Bearing Frame Assembly Consisting of:	185014LF	185014LF	185014LF
17	Bearing Frame	P77161	P77161	P77161
19	Shaft	P79027	P79027	P79027
20	Bearing Cap	P75612	P75612	P75612
25	Ball Bearing - Pump End	186571	186571	186571
26	Ball Bearing - Coupler End	186572	186572	186572
22	Shaft Sleeve	185142LF	185142LF	185142LF
7	Impeller Capscrew	P13800	P13800	P13800
9	Impeller Lockwasher	J23875	J23875	J23875
10	Impeller Key (Straight) Aug. 1989 (H98) & After	P49372	P49372	P49372
10	Impeller Key (Woodruff) July 1989 (G98) & Before	H32700	H32700	H32700
18	Spring Washer	J92560	J92560	J92560
21	Bearing Cap Capscrew (4)	DJ0066	DJ0066	DJ0066
13	Water Slinger	P53720	P53720	P53720
	i-ALERT Condition Monitor	185400	185400	185400

* Includes wear ring.

— Factory recommended spare parts.

4-7SL

ITEM NO.	DESCRIPTION	PUMP CONSTRUCTION		
		BRONZE FITTED	BRONZE FITTED WITH WEAR RING	EPOXY COATED WITH WEAR RING
Parts Common To Both Size Pumps				
8	Volute	P43252	*P43861	*P86488
	Wear Ring	—	P49141	P49141
	Volute Drain Plug (4)	P39040	P39040	P39040
11	Volute Gasket	P57700	P57700	P57700
15	Coupler	See Coupler Selection Table, Page 33		
14	Coupler Key (Straight) Aug. 1989 (H98) & After	P49373	P49373	P49373
14	Coupler Key (Woodruff) July 1989 (G98) & Before	H32600	H32600	H32600
	For ANSI/OSHA Coupling Guard & Support Bracket Kit Selection, See Chart on Page 34			
Parts for Pumps With 1¼" Shaft At Seal				
5	Impeller (State Diameter) 7" Full Dia.	P2000537	P2000537	P2000537
6	Impeller Washer	P46380	P46380	P46380
3	Volute Capscrew (8)	P40020	P40020	P40020
12	Volute Coverplate	186482	186482	P86430
12	Volute Coverplate - "F" Construction	P61131	P61131	NONE
4	Seal Kit Buna/Carbon/Ceramic	186862LF	186862LF	186862LF
4	Seal Kit EPR/Carbon/Tungsten Carbide	186861LF	186861LF	186861LF
2	Bearing Frame Assembly Consisting of:	185011LF	185011LF	185011LF
17	Bearing Frame	P77103	P77103	P77103
19 & 22	Shaft & Sleeve Kit	185308LF	185308LF	185308LF
20	Bearing Cap	P75606	P75606	P75606
25	Ball Bearing - Pump End	186002	186002	186002
26	Ball Bearing - Coupler End	186001	186001	186001
22	Shaft Sleeve	185140LF	185140LF	185140LF
7	Impeller Capscrew	P52350	P52350	P52350
9	Impeller Lockwasher	J23874	J23874	J23874
10	Impeller Key (Straight) Aug. 1989 (H98) & After	P49369	P49369	P49369
10	Impeller Key (Woodruff) July 1989 (G98) & Before	H32500	H32500	H32500
18	Spring Washer	J92558	J92558	J92558
21	Bearing Cap Capscrew (4)	J92291	J92291	J92291
13	Water Slinger	P53550	P53550	P53550
Parts for Pumps With 1⅝" Shaft At Seal				
5	Impeller (State Diameter) 7" Full Dia.	P2000538	P2000538	P2000538
6	Impeller Washer	P51230	P51230	P51230
3	Volute Capscrew (8)	P44250	P44250	P44250
12	Volute Coverplate	P49940	P49940	P86422
12	Volute Coverplate - "F" Construction	P49941	P49941	NONE
4	Seal Kit Buna/Carbon/Ceramic	186543LF	186543LF	186543LF
4	Seal Kit EPR/Carbon/Tungsten Carbide	185225LF	185225LF	185225LF
2	Bearing Frame Assembly Consisting of:	185014LF	185014LF	185014LF
17	Bearing Frame	P77161	P77161	P77161
19	Shaft	P79027	P79027	P79027
20	Bearing Cap	P75612	P75612	P75612
25	Ball Bearing - Pump End	186571	186571	186571
26	Ball Bearing - Coupler End	186572	186572	186572
22	Shaft Sleeve	185142LF	185142LF	185142LF
7	Impeller Capscrew	P13800	P13800	P13800
9	Impeller Lockwasher	J23875	J23875	J23875
10	Impeller Key (Straight) Aug. 1989 (H98) & After	P49372	P49372	P49372
10	Impeller Key (Woodruff) July 1989 (G98) & Before	H32700	H32700	H32700
18	Spring Washer	J92560	J92560	J92560
21	Bearing Cap Capscrew (4)	DJ0066	DJ0066	DJ0066
13	Water Slinger	P53720	P53720	P53720
	i-ALERT Condition Monitor	185400	185400	185400

* Includes wear ring.

— Factory recommended spare parts.

5-7SL

ITEM NO.	DESCRIPTION	PUMP CONSTRUCTION		
		BRONZE FITTED	BRONZE FITTED WITH WEAR RING	EPOXY COATED WITH WEAR RING
Parts Common To Both Size Pumps				
8	Volute	P43663	*P43862	*P86498
	Wear Ring	—	P49142	P49142
	Volute Drain Plug (4)	P39040	P39040	P39040
11	Volute Gasket	P57700	P57700	P57700
15	Coupler	See Coupler Selection Table, Page 33		
14	Coupler Key (Straight) Aug. 1989 (H98) & After	P49373	P49373	P49373
14	Coupler Key (Woodruff) July 1989 (G98) & Before	H32600	H32600	H32600
	For ANSI/OSHA Coupling Guard & Support Bracket Kit Selection, See Chart on Page 34			
Parts for Pumps With 1¼" Shaft At Seal				
5	Impeller (State Diameter) 7" Full Dia.	P2000539	P2000539	P2000539
6	Impeller Washer	P46380	P46380	P46381
3	Volute Capscrew (8)	P40020	P40020	P40020
12	Volute Coverplate	186482	186482	P86430
12	Volute Coverplate - "F" Construction	P61131	P61131	NONE
4	Seal Kit Buna/Carbon/Ceramic	186862LF	186862LF	186862LF
4	Seal Kit WPR/Carbon/Tungsten Carbide	186861LF	186861LF	186861LF
2	Bearing Frame Assembly Consisting of:	185011LF	185011LF	185011LF
17	Bearing Frame	P77103	P77103	P77103
19 & 22	Shaft & Sleeve Kit	185308LF	185308LF	185308LF
20	Bearing Cap	P75606	P75606	P75606
25	Ball Bearing - Pump End	186002	186002	186002
26	Ball Bearing - Coupler End	186001	186001	186001
22	Shaft Sleeve	185140LF	185140LF	185140LF
7	Impeller Capscrew	P52350	P52350	P52350
9	Impeller Lockwasher	J23874	J23874	J23874
10	Impeller Key (Straight) Aug. 1989 (H98) & After	P49369	P49369	P49369
10	Impeller Key (Woodruff) July 1989 (G98) & Before	H32500	H32500	H32500
18	Spring Washer	J92558	J92558	J92558
21	Bearing Cap Capscrew (4)	J92291	J92291	J92291
13	Water Slinger	P53550	P53550	P53550
Parts for Pumps With 1½" Shaft At Seal				
5	Impeller (State Diameter) 7" Full Dia.	P2000540	P2000540	P2000540
6	Impeller Washer	P51230	P51230	P51230
3	Volute Capscrew (8)	P44250	P44250	P44250
12	Volute Coverplate	P49940	P49940	P86422
12	Volute Coverplate - "F" Construction	P49941	P49941	NONE
4	Seal Kit Buna/Carbon/Ceramic	186543LF	186543LF	186543LF
4	Seal Kit WPR/Carbon/Tungsten Carbide	185225LF	185225LF	185225LF
2	Bearing Frame Assembly Consisting of:	185014LF	185014LF	185014LF
17	Bearing Frame	P77161	P77161	P77161
19	Shaft	P79027	P79027	P79027
20	Bearing Cap	P75612	P75612	P75612
25	Ball Bearing - Pump End	186571	186571	186571
26	Ball Bearing - Coupler End	186572	186572	186572
22	Shaft Sleeve	185142LF	185142LF	185142LF
7	Impeller Capscrew	P13800	P13800	P13800
9	Impeller Lockwasher	J23875	J23875	J23875
10	Impeller Key (Straight) Aug. 1989 (H98) & After	P49372	P49372	P49372
10	Impeller Key (Woodruff) July 1989 (G98) & Before	H32700	H32700	H32700
18	Spring Washer	J92560	J92560	J92560
21	Bearing Cap Capscrew (4)	DJ0066	DJ0066	DJ0066
13	Water Slinger	P53720	P53720	P53720
	i-ALERT Condition Monitor	185400	185400	185400

* Includes wear ring.

— Factory recommended spare parts.

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ITEM NO.	DESCRIPTION	PUMP CONSTRUCTION		
		BRONZE FITTED	BRONZE FITTED WITH WEAR RING	EPOXY COATED WITH WEAR RING
Parts Common To Both Size Pumps				
8	Volute	P41620	*P44142	*P86460
	Wear Ring	—	P46700	P46700
	Volute Drain Plug (4)	P39020	P39020	P39020
3	Volute Capscrew (12)	P03470	P03470	P03470
11	Volute Gasket	P48690	P48690	P48690
15	Coupler	See Coupler Selection Table, Page 33		
14	Coupler Key (Straight) Aug. 1989 (H98) & After	P49373	P49373	P49373
14	Coupler Key (Woodruff) July 1989 (G98) & Before	H32600	H32600	H32600
	For ANSI/OSHA Coupling Guard & Support Bracket Kit Selection, See Chart on Page 34			
Parts for Pumps With 1¼" Shaft At Seal				
5	Impeller (State Diameter) 9½" Full Dia.	P2000525	P2000525	P2000525
6	Impeller Washer	P46380	P46380	P46380
12	Volute Coverplate	186495	186495	P86432
	Volute Coverplate - "F" Construction	P61451	P61451	NONE
4	Seal Kit Buna/Carbon/Ceramic	186862LF	186862LF	186862LF
4	Seal Kit EPR/Carbon/Tungsten Carbide	186861LF	186861LF	186861LF
2	Bearing Frame Assembly Consisting of:	185011LF	185011LF	185011LF
17	Bearing Frame	P77103	P77103	P77103
19 & 22	Shaft & Sleeve Kit	185308LF	185308LF	185308LF
20	Bearing Cap	P75606	P75606	P75606
25	Ball Bearing - Pump End	186002	186002	186002
26	Ball Bearing - Coupler End	186001	186001	186001
22	Shaft Sleeve	185140LF	185140LF	185140LF
7	Impeller Capscrew	P52350	P52350	P52350
9	Impeller Lockwasher	J23874	J23874	J23874
10	Impeller Key (Straight) Aug. 1989 (H98) & After	P49369	P49369	P49369
10	Impeller Key (Woodruff) July 1989 (G98) & Before	H32500	H32500	H32500
18	Spring Washer	J92558	J92558	J92558
21	Bearing Cap Capscrew (4)	J92291	J92291	J92291
13	Water Slinger	P53550	P53550	P53550
Parts for Pumps With 1⅝" Shaft At Seal				
5	Impeller (State Diameter) 9½" Full Dia.	P2000526	P2000526	P2000526
6	Impeller Washer	P51230	P51230	P51230
12	Volute Coverplate	P51540	P51540	P86424
12	Volute Coverplate - "F" Construction	P51541	P51541	NONE
4	Seal Kit Buna/Carbon/Ceramic	186543LF	186543LF	186543LF
4	Seal Kit EPR/Carbon/Tungsten Carbide	185225LF	185225LF	185225LF
2	Bearing Frame Assembly Consisting of:	185014LF	185014LF	185014LF
17	Bearing Frame	P77161	P77161	P77161
19	Shaft	P79027	P79027	P79027
20	Bearing Cap	P75612	P75612	P75612
25	Ball Bearing - Pump End	186571	186571	186571
26	Ball Bearing - Coupler End	186572	186572	186572
22	Shaft Sleeve	185142LF	185142LF	185142LF
7	Impeller Capscrew	P13800	P13800	P13800
9	Impeller Lockwasher	J23875	J23875	J23875
10	Impeller Key (Straight) Aug. 1989 (H98) & After	P49372	P49372	P49372
10	Impeller Key (Woodruff) July 1989 (G98) & Before	H32700	H32700	H32700
18	Spring Washer	J92560	J92560	J92560
21	Bearing Cap Capscrew (4)	DJ0066	DJ0066	DJ0066
13	Water Slinger	P53720	P53720	P53720
	i-ALERT Condition Monitor	185400	185400	185400

* Includes wear ring.

— Factory recommended spare parts.

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ITEM NO.	DESCRIPTION	PUMP CONSTRUCTION		
		BRONZE FITTED	BRONZE FITTED WITH WEAR RING	EPOXY COATED WITH WEAR RING
Parts Common To Both Size Pumps				
8	Volute	P41780	*P44136	*P86464
	Wear Ring	—	P48660	P48660
	Volute Drain Plug (4)	P39020	P39020	P39020
3	Volute Capscrew (12)	P03470	P03470	P03470
11	Volute Gasket	P48690	P48690	P48690
15	Coupler	See Coupler Selection Table, Page 33		
14	Coupler Key (Straight) Aug. 1989 (H98) & After	P49373	P49373	P49373
14	Coupler Key (Woodruff) July 1989 (G98) & Before	H32600	H32600	H32600
	For ANSI/OSHA Coupling Guard & Support Bracket Kit Selection, See Chart on Page 34			
Parts for Pumps With 1 1/4" Shaft At Seal				
5	Impeller (State Diameter) 9 1/2" Full Dia.	P2000565	P2000565	P2000565
6	Impeller Washer	P46380	P46380	P46380
12	Volute Coverplate	186495	186495	P86432
12	Volute Coverplate - "F" Construction	P61451	P61451	NONE
4	Seal Kit Buna/Carbon/Ceramic	186862LF	186862LF	186862LF
4	Seal Kit EPR/Carbon/Tungsten Carbide	186861LF	186861LF	186861LF
2	Bearing Frame Assembly Consisting of:	185011LF	185011LF	185011LF
17	Bearing Frame	P77103	P77103	P77103
19 & 22	Shaft & Sleeve Kit	185308LF	185308LF	185308LF
20	Bearing Cap	P75606	P75606	P75606
25	Ball Bearing - Pump End	186002	186002	186002
26	Ball Bearing - Coupler End	186001	186001	186001
22	Shaft Sleeve	185140LF	185140LF	185140LF
7	Impeller Capscrew	P52350	P52350	P52350
9	Impeller Lockwasher	J23874	J23874	J23874
10	Impeller Key (Straight) Aug. 1989 (H98) & After	P49369	P49369	P49369
10	Impeller Key (Woodruff) July 1989 (G98) & Before	H32500	H32500	H32500
18	Spring Washer	J92558	J92558	J92558
21	Bearing Cap Capscrew (4)	J92291	J92291	J92291
13	Water Slinger	P53550	P53550	P53550
Parts for Pumps With 1 5/8" Shaft At Seal				
5	Impeller (State Diameter) 9 1/2" Full Dia.	P2000563	P2000563	P2000563
6	Impeller Washer	P51230	P51230	P51230
12	Volute Coverplate	P51540	P51540	P86424
12	Volute Coverplate - "F" Construction	P51541	P51541	NONE
4	Seal Kit Buna/Carbon/Ceramic	186543LF	186543LF	186543LF
4	Seal Kit EPR/Carbon/Tungsten Carbide	185225LF	185225LF	185225LF
2	Bearing Frame Assembly Consisting of:	185014LF	185014LF	185014LF
17	Bearing Frame	P77161	P77161	P77161
19	Shaft	P79027	P79027	P79027
20	Bearing Cap	P75612	P75612	P75612
25	Ball Bearing - Pump End	186571	186571	186571
26	Ball Bearing - Coupler End	186572	186572	186572
22	Shaft Sleeve	185142LF	185142LF	185142LF
7	Impeller Capscrew	P13800	P13800	P13800
9	Impeller Lockwasher	J23875	J23875	J23875
10	Impeller Key (Straight) Aug. 1989 (H98) & After	P49372	P49372	P49372
10	Impeller Key (Woodruff) July 1989 (G98) & Before	H32700	H32700	H32700
18	Spring Washer	J92560	J92560	J92560
21	Bearing Cap Capscrew (4)	DJ0066	DJ0066	DJ0066
13	Water Slinger	P53720	P53720	P53720
	i-ALERT Condition Monitor	185400	185400	185400

* Includes wear ring.

— Factory recommended spare parts.

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ITEM NO.	DESCRIPTION	PUMP CONSTRUCTION		
		BRONZE FITTED	BRONZE FITTED WITH WEAR RING	EPOXY COATED WITH WEAR RING
Parts Common To Both Size Pumps				
8	Volute	P42264	*P44144	*P86472
	Wear Ring	—	P49130	P49130
	Volute Drain Plug (4)	P39040	P39040	P39040
3	Volute Capscrew (12)	P03470	P03470	P03470
11	Volute Gasket	P48690	P48690	P48690
15	Coupler	See Coupler Selection Table, Page 33		
14	Coupler Key (Straight) Aug. 1989 (H98) & After	P49373	P49373	P49373
14	Coupler Key (Woodruff) July 1989 (G98) & Before	H32600	H32600	H32600
	For ANSI/OSHA Coupling Guard & Support Bracket Kit Selection, See Chart on Page 34			
Parts for Pumps With 1¼" Shaft At Seal				
5	Impeller (State Diameter) 9½" Full Dia.	P2000529	P2000529	P2000529
6	Impeller Washer	P46380	P46380	P46380
12	Volute Coverplate	186495	186495	P86432
12	Volute Coverplate - "F" Construction	P61451	P61451	NONE
4	Seal Kit Buna/Carbon/Ceramic	186862LF	186862LF	186862LF
4	Seal Kit EPR/Carbon/Tungsten Carbide	186861LF	186861LF	186861LF
2	Bearing Frame Assembly Consisting of:	185011LF	185011LF	185011LF
17	Bearing Frame	P77103	P77103	P77103
19 & 22	Shaft & Sleeve Kit	185308LF	185308LF	185308LF
20	Bearing Cap	P75606	P75606	P75606
25	Ball Bearing - Pump End	186002	186002	186002
26	Ball Bearing - Coupler End	186001	186001	186001
22	Shaft Sleeve	185140LF	185140LF	185140LF
7	Impeller Capscrew	P52350	P52350	P52350
9	Impeller Lockwasher	J23874	J23874	J23874
10	Impeller Key (Straight) Aug. 1989 (H98) & After	P49369	P49369	P49369
10	Impeller Key (Woodruff) July 1989 (G98) & Before	H32500	H32500	H32500
18	Spring Washer	J92558	J92558	J92558
21	Bearing Cap Capscrew (4)	J92291	J92291	J92291
13	Water Slinger	P53550	P53550	P53550
Parts for Pumps With 1⅝" Shaft At Seal				
5	Impeller (State Diameter) 9½" Full Dia.	P2000530	P2000530	P2000530
6	Impeller Washer	P51230	P51230	P51230
12	Volute Coverplate	P51540	P51540	P86424
12	Volute Coverplate - "F" Construction	P51541	P51541	NONE
4	Seal Kit Buna/Carbon/Ceramic	186543LF	186543LF	186543LF
4	Seal Kit EPR/Carbon/Tungsten Carbide	185225LF	185225LF	185225LF
2	Bearing Frame Assembly Consisting of:	185014LF	185014LF	185014LF
17	Bearing Frame	P77161	P77161	P77161
19	Shaft	P79027	P79027	P79027
20	Bearing Cap	P75612	P75612	P75612
25	Ball Bearing - Pump End	186571	186571	186571
26	Ball Bearing - Coupler End	186572	186572	186572
22	Shaft Sleeve	185142LF	185142LF	185142LF
7	Impeller Capscrew	P13800	P13800	P13800
9	Impeller Lockwasher	J23875	J23875	J23875
10	Impeller Key (Straight) Aug. 1989 (H98) & After	P49372	P49372	P49372
10	Impeller Key (Woodruff) July 1989 (G98) & Before	H32700	H32700	H32700
18	Spring Washer	J92560	J92560	J92560
21	Bearing Cap Capscrew (4)	DJ0066	DJ0066	DJ0066
13	Water Slinger	P53720	P53720	P53720
	i-ALERT Condition Monitor	185400	185400	185400

* Includes wear ring.

— Factory recommended spare parts.

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ITEM NO.	DESCRIPTION	PUMP CONSTRUCTION		
		BRONZE FITTED	BRONZE FITTED WITH WEAR RING	EPOXY COATED WITH WEAR RING
Parts Common To Both Size Pumps				
8	Volute	P42542	*P44146	*P86468
	Wear Ring	—	P49870	P49870
	Volute Drain Plug (4)	P39040	P39040	P39040
3	Volute Capscrew (12)	P03470	P03470	P03470
11	Volute Gasket	P48690	P48690	P48690
15	Coupler	See Coupler Selection Table, Page 33		
14	Coupler Key (Straight) Aug. 1989 (H98) & After	P49373	P49373	P49373
14	Coupler Key (Woodruff) July 1989 (G98) & Before	H32600	H32600	H32600
	For ANSI/OSHA Coupling Guard & Support Bracket Kit Selection, See Chart on Page 34			
Parts for Pumps With 1¼" Shaft At Seal				
5	Impeller (State Diameter) 9½" Full Dia.	P2000533	P2000533	P2000533
6	Impeller Washer	P46380	P46380	P46380
12	Volute Coverplate	186495	186495	P86432
12	Volute Coverplate - "F" Construction	P61451	P61451	NONE
4	Seal Kit Buna/Carbon/Ceramic	186862LF	186862LF	186862LF
4	Seal Kit EPR/Carbon/Tungsten Carbide	186861LF	186861LF	186861LF
2	Bearing Frame Assembly Consisting of:	185011LF	185011LF	185011LF
17	Bearing Frame	P77103	P77103	P77103
19 & 22	Shaft & Sleeve Kit	185308LF	185308LF	185308LF
20	Bearing Cap	P75606	P75606	P75606
25	Ball Bearing - Pump End	186002	186002	186002
26	Ball Bearing - Coupler End	186001	186001	186001
22	Shaft Sleeve	185140LF	185140LF	185140LF
7	Impeller Capscrew	P52350	P52350	P52350
9	Impeller Lockwasher	J23874	J23874	J23874
10	Impeller Key (Straight) Aug. 1989 (H98) & After	P49369	P49369	P49369
10	Impeller Key (Woodruff) July 1989 (G98) & Before	H32500	H32500	H32500
18	Spring Washer	J92558	J92558	J92558
21	Bearing Cap Capscrew (4)	J92291	J92291	J92291
13	Water Slinger	P53550	P53550	P53550
Parts for Pumps With 1⅝" Shaft At Seal				
5	Impeller (State Diameter) 9½" Full Dia.	P2000534	P2000534	P2000534
6	Impeller Washer	P51230	P51230	P51230
12	Volute Coverplate	P51540	P51540	P86424
12	Volute Coverplate - "F" Construction	P51541	P51541	NONE
4	Seal Kit Buna/Carbon/Ceramic	186543LF	186543LF	186543LF
4	Seal Kit EPR/Carbon/Tungsten Carbide	185225LF	185225LF	185225LF
2	Bearing Frame Assembly Consisting of:	185014LF	185014LF	185014LF
17	Bearing Frame	P77161	P77161	P77161
19	Shaft	P79027	P79027	P79027
20	Bearing Cap	P75612	P75612	P75612
25	Ball Bearing - Pump End	186571	186571	186571
26	Ball Bearing - Coupler End	186572	186572	186572
22	Shaft Sleeve	185142LF	185142LF	185142LF
7	Impeller Capscrew	P13800	P13800	P13800
9	Impeller Lockwasher	J23875	J23875	J23875
10	Impeller Key (Straight) Aug. 1989 (H98) & After	P49372	P49372	P49372
10	Impeller Key (Woodruff) July 1989 (G98) & Before	H32700	H32700	H32700
18	Spring Washer	J92560	J92560	J92560
21	Bearing Cap Capscrew (4)	DJ0066	DJ0066	DJ0066
13	Water Slinger	P53720	P53720	P53720
	i-ALERT Condition Monitor	185400	185400	185400

* Includes wear ring.

— Factory recommended spare parts.

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ITEM NO.	DESCRIPTION	PUMP CONSTRUCTION		
		BRONZE FITTED	BRONZE FITTED WITH WEAR RING	EPOXY COATED WITH WEAR RING
Parts Common To Both Size Pumps				
8	Volute	P71536	*P71537	*P86480
	Wear Ring	—	P50650	P50650
	Volute Drain Plug (4)	P39040	P39040	P39040
	Volute Capscrew (12)	P03470	P03470	P03470
11	Volute Gasket	P48690	P48690	P48690
15	Coupler	See Coupler Selection Table, Page 33		
14	Coupler Key (Straight) Aug. 1989 (H98) & After	P49373	P49373	P49373
14	Coupler Key (Woodruff) July 1989 (G98) & Before	H32600	H32600	H32600
	For ANSI/OSHA Coupling Guard & Support Bracket Kit Selection, See Chart on Page 34			
Parts for Pumps With 1 1/4" Shaft At Seal				
5	Impeller (State Diameter) 9 1/2" Full Dia.	P2000558	P2000558	P2000558
6	Impeller Washer	P46380	P46380	P46380
12	Volute Coverplate	186495	186495	P86432
12	Volute Coverplate - "F" Construction	P61451	P61451	NONE
4	Seal Kit Buna/Carbon/Ceramic	186862LF	186862LF	186862LF
4	Seal Kit EPR/Carbon/Tungsten Carbide	186861LF	186861LF	186861LF
2	Bearing Frame Assembly Consisting of:	185011LF	185011LF	185011LF
17	Bearing Frame	P77103	P77103	P77103
19 & 22	Shaft & Sleeve Kit	185308LF	185308LF	185308LF
20	Bearing Cap	P75606	P75606	P75606
25	Ball Bearing - Pump End	186002	186002	186002
26	Ball Bearing - Coupler End	186001	186001	186001
22	Shaft Sleeve	185140LF	185140LF	185140LF
7	Impeller Capscrew	P52350	P52350	P52350
9	Impeller Lockwasher	J23874	J23874	J23874
10	Impeller Key (Straight) Aug. 1989 (H98) & After	P49369	P49369	P49369
10	Impeller Key (Woodruff) July 1989 (G98) & Before	H32500	H32500	H32500
18	Spring Washer	J92558	J92558	J92558
21	Bearing Cap Capscrew (4)	J92291	J92291	J92291
13	Water Slinger	P53550	P53550	P53550
Parts for Pumps With 1 5/8" Shaft At Seal				
5	Impeller (State Diameter) 9 1/2" Full Dia.	P2000559	P2000559	P2000559
6	Impeller Washer	P51230	P51230	P51230
12	Volute Coverplate	P51540	P51540	P86424
12	Volute Coverplate - "F" Construction	P51541	P51541	NONE
4	Seal Kit Buna/Carbon/Ceramic	186543LF	186543LF	186543LF
4	Seal Kit EPR/Carbon/Tungsten Carbide	185225LF	185225LF	185225LF
2	Bearing Frame Assembly Consisting of:	185014LF	185014LF	185014LF
17	Bearing Frame	P77161	P77161	P77161
19	Shaft	P79027	P79027	P79027
20	Bearing Cap	P75612	P75612	P75612
25	Ball Bearing - Pump End	186571	186571	186571
26	Ball Bearing - Coupler End	186572	186572	186572
22	Shaft Sleeve	185142LF	185142LF	185142LF
7	Impeller Capscrew	P13800	P13800	P13800
9	Impeller Lockwasher	J23875	J23875	J23875
10	Impeller Key (Straight) Aug. 1989 (H98) & After	P49372	P49372	P49372
10	Impeller Key (Woodruff) July 1989 (G98) & Before	H32700	H32700	H32700
18	Spring Washer	J92560	J92560	J92560
21	Bearing Cap Capscrew (4)	DJ0066	DJ0066	DJ0066
13	Water Slinger	P53720	P53720	P53720
	i-ALERT Condition Monitor	185400	185400	185400

* Includes wear ring.

— Factory recommended spare parts.

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ITEM NO.	DESCRIPTION	PUMP CONSTRUCTION		
		BRONZE FITTED	BRONZE FITTED WITH WEAR RING	EPOXY COATED WITH WEAR RING
Parts Common To Both Size Pumps				
8	Volute	P43362	*P44147	*P86490
	Wear Ring	—	P49142	P49142
	Volute Drain Plug (4)	P39040	P39040	P39040
	Volute Capscrew (12)	P03470	P03470	P03470
11	Volute Gasket	P48690	P48690	P48690
15	Coupler	See Coupler Selection Table, Page 33		
14	Coupler Key (Straight) Aug. 1989 (H98) & After	P49373	P49373	P49373
14	Coupler Key (Woodruff) July 1989 (G98) & Before	H32600	H32600	H32600
	For ANSI/OSHA Coupling Guard & Support Bracket Kit Selection, See Chart on Page 34			
Parts for Pumps With 1¼" Shaft At Seal				
5	Impeller (State Diameter) 9½" Full Dia.	P2000535	P2000535	P2000535
6	Impeller Washer	P46380	P46380	P46380
12	Volute Coverplate	186495	186495	P86432
12	Volute Coverplate - "F" Construction	P61451	P61451	NONE
4	Seal Kit Buna/Carbon/Ceramic	186862LF	186862LF	186860LF
4	Seal Kit EPR/Carbon/Tungsten Carbide	186861LF	186861LF	186861LF
2	Bearing Frame Assembly Consisting of:	185011LF	185011LF	185011LF
17	Bearing Frame	P77103	P77103	P77103
19 & 22	Shaft & Sleeve Kit	185308LF	185308LF	185308LF
20	Bearing Cap	P75606	P75606	P75606
25	Ball Bearing - Pump End	186002	186002	186002
26	Ball Bearing - Coupler End	186001	186001	186001
22	Shaft Sleeve	185140LF	185140LF	185140LF
7	Impeller Capscrew	P52350	P52350	P52350
9	Impeller Lockwasher	J23874	J23874	J23874
10	Impeller Key (Straight) Aug. 1989 (H98) & After	P49369	P49369	P49369
10	Impeller Key (Woodruff) July 1989 (G98) & Before	H32500	H32500	H32500
18	Spring Washer	J92558	J92558	J92558
21	Bearing Cap Capscrew (4)	J92291	J92291	J92291
13	Water Slinger	P53550	P53550	P53550
Parts for Pumps With 1⅝" Shaft At Seal				
5	Impeller (State Diameter) 9½" Full Dia.	P2000536	P2000536	P2000536
6	Impeller Washer	P51230	P51230	P51230
12	Volute Coverplate	P51540	P51540	P86424
12	Volute Coverplate - "F" Construction	P51541	P51541	NONE
4	Seal Kit Buna/Carbon/Ceramic	186543LF	186543LF	186543LF
4	Seal Kit EPR/Carbon/Tungsten Carbide	185225LF	185225LF	185225LF
2	Bearing Frame Assembly Consisting of:	185014LF	185014LF	185014LF
17	Bearing Frame	P77161	P77161	P77161
19	Shaft	P79027	P79027	P79027
20	Bearing Cap	P75612	P75612	P75612
25	Ball Bearing - Pump End	186571	186571	186571
26	Ball Bearing - Coupler End	186572	186572	186572
22	Shaft Sleeve	185142LF	185142LF	185142LF
7	Impeller Capscrew	P13800	P13800	P13800
9	Impeller Lockwasher	J23875	J23875	J23875
10	Impeller Key (Straight) Aug. 1989 (H98) & After	P49372	P49372	P49372
10	Impeller Key (Woodruff) July 1989 (G98) & Before	H32700	H32700	H32700
18	Spring Washer	J92560	J92560	J92560
21	Bearing Cap Capscrew (4)	DJ0066	DJ0066	DJ0066
13	Water Slinger	P53720	P53720	P53720
	i-ALERT Condition Monitor	185400	185400	185400

* Includes wear ring.

 – Factory recommended spare parts.

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ITEM NO.	DESCRIPTION	PUMP CONSTRUCTION		
		BRONZE FITTED	BRONZE FITTED WITH WEAR RING	EPOXY COATED WITH WEAR RING
Parts Common To Both Size Pumps				
8	Volute	P43678	*P43863	*P86502
	Wear Ring	—	P49143	P49143
	Volute Drain Plug (4)	P39040	P39040	P39040
	Volute Capscrew (12)	P03470	P03470	P03470
11	Volute Gasket	P48690	P48690	P48690
15	Coupler	See Coupler Selection Table, Page 33		
14	Coupler Key (Straight) Aug. 1989 (H98) & After	P49373	P49373	P49373
14	Coupler Key (Woodruff) July 1989 (G98) & Before	H32600	H32600	H32600
	For ANSI/OSHA Coupling Guard & Support Bracket Kit Selection, See Chart on Page 34			
Parts for Pumps With 1 1/4" Shaft At Seal				
5	Impeller (State Diameter) 9 1/2" Full Dia.	P2000541	P2000541	P2000541
6	Impeller Washer	P46380	P46380	P46380
12	Volute Coverplate	186495	186495	P86432
12	Volute Coverplate - "F" Construction	P61451	P61451	NONE
4	Seal Kit Buna/Carbon/Ceramic	186862LF	186862LF	186862LF
4	Seal Kit EPR/Carbon/Tungsten Carbide	186861LF	186861LF	186861LF
2	Bearing Frame Assembly Consisting of:	185011LF	185011LF	185011LF
17	Bearing Frame	P77103	P77103	P77103
19 & 22	Shaft & Sleeve Kit	185308LF	185308LF	185308LF
20	Bearing Cap	P75606	P75606	P75606
25	Ball Bearing - Pump End	186002	186002	186002
26	Ball Bearing - Coupler End	186001	186001	186001
22	Shaft Sleeve	185140LF	185140LF	185140LF
7	Impeller Capscrew	P52350	P52350	P52350
9	Impeller Lockwasher	J23874	J23874	J23874
10	Impeller Key (Straight) Aug. 1989 (H98) & After	P49369	P49369	P49369
10	Impeller Key (Woodruff) July 1989 (G98) & Before	H32500	H32500	H32500
18	Spring Washer	J92558	J92558	J92558
21	Bearing Cap Capscrew (4)	J92291	J92291	J92291
13	Water Slinger	P53550	P53550	P53550
Parts for Pumps With 1 3/8" Shaft At Seal				
5	Impeller (State Diameter) 9 1/2" Full Dia.	P2000542	P2000542	P2000542
6	Impeller Washer	P51230	P51230	P51230
12	Volute Coverplate	P51540	P51540	P86424
12	Volute Coverplate - "F" Construction	P51541	P51541	NONE
4	Seal Kit Buna/Carbon/Ceramic	186543LF	186543LF	186543LF
4	Seal Kit EPR/Carbon/Tungsten Carbide	185225LF	185225LF	185225LF
2	Bearing Frame Assembly Consisting of:	185014LF	185014LF	185014LF
17	Bearing Frame	P77161	P77161	P77161
19	Shaft	P79027	P79027	P79027
20	Bearing Cap	P75612	P75612	P75612
25	Ball Bearing - Pump End	186571	186571	186571
26	Ball Bearing - Coupler End	186572	186572	186572
22	Shaft Sleeve	185142LF	185142LF	185142LF
7	Impeller Capscrew	P13800	P13800	P13800
9	Impeller Lockwasher	J23875	J23875	J23875
10	Impeller Key (Straight) Aug. 1989 (H98) & After	P49372	P49372	P49372
10	Impeller Key (Woodruff) July 1989 (G98) & Before	H32700	H32700	H32700
18	Spring Washer	J92560	J92560	J92560
21	Bearing Cap Capscrew (4)	DJ0066	DJ0066	DJ0066
13	Water Slinger	P53720	P53720	P53720
	i-ALERT Condition Monitor	185400	185400	185400

* Includes wear ring.

— Factory recommended spare parts.

6-9SL

ITEM NO.	DESCRIPTION	PUMP CONSTRUCTION		
		BRONZE FITTED	BRONZE FITTED WITH WEAR RING	EPOXY COATED WITH WEAR RING
8	Volute	P43692	*P43864	*P86510
	Wear Ring	—	P49144	P49144
	Volute Drain Plug (4)	P39040	P39040	P39040
	Volute Capscrew (12)	P03470	P03470	P03470
11	Volute Gasket	P48690	P48690	P48690
15	Coupler	See Coupler Selection Table, Page 33		
14	Coupler Key (Straight) Aug. 1989 (H98) & After	P49373	P49373	P49373
14	Coupler Key (Woodruff) July 1989 (G98) & Before	H32600	H32600	H32600
	For ANSI/OSHA Coupling Guard & Support Bracket Kit Selection, See Chart on Page 34			
5	Impeller (State Diameter) 9 1/2" Full Dia.	P2000543	P2000543	P2000543
6	Impeller Washer	P51230	P51230	P51230
12	Volute Coverplate	P51540	P51540	P86424
12	Volute Coverplate - "F" Construction	P51541	P51541	NONE
4	Seal Kit Buna/Carbon/Ceramic	186543LF	186543LF	186543LF
4	Seal Kit EPR/Carbon/Tungsten Carbide	185225LF	185225LF	185225LF
2	Bearing Frame Assembly Consisting of:	185014LF	185014LF	185014LF
17	Bearing Frame	P77161	P77161	P77161
19	Shaft	P79027	P79027	P79027
20	Bearing Cap	P75612	P75612	P75612
25	Ball Bearing - Pump End	186571	186571	186571
26	Ball Bearing - Coupler End	186572	186572	186572
22	Shaft Sleeve	185142LF	185142LF	185142LF
7	Impeller Capscrew	P13800	P13800	P13800
9	Impeller Lockwasher	J23875	J23875	J23875
10	Impeller Key (Straight) Aug. 1989 (H98) & After	P49372	P49372	P49372
10	Impeller Key (Woodruff) July 1989 (G98) & Before	H32700	H32700	H32700
18	Spring Washer	J92558	J92558	J92558
21	Bearing Cap Capscrew (4)	DJ0066	DJ0066	DJ0066
13	Water Slinger	P53720	P53720	P53720
	i-ALERT Condition Monitor	185400	185400	185400

* Includes wear ring.

— Factory recommended spare parts.

2-11SL

ITEM NO.	DESCRIPTION	PUMP CONSTRUCTION		
		BRONZE FITTED	BRONZE FITTED WITH WEAR RING	EPOXY COATED WITH WEAR RING
Parts Common To Both Size Pumps				
8	Volute	P43955	*P44019	*P86476
	Wear Ring	—	P49870	P49870
	Volute Drain Plug (4)	P39040	P39040	P39040
3	Volute Capscrew (16)	P13780	P13780	P13780
11	Volute Gasket	P80765	P80765	P80765
15	Coupler	See Coupler Selection Table, Page 33		
14	Coupler Key (Straight) Aug. 1989 (H98) & After	P49373	P49373	P49373
14	Coupler Key (Woodruff) July 1989 (G98) & Before	H32600	H32600	H32600
	For ANSI/OSHA Coupling Guard & Support Bracket Kit Selection, See Chart on Page 34			
Parts for Pumps With 1¼" Shaft At Seal				
5	Impeller (State Diameter) 11" Full Dia.	P2000544	P2000544	P2000544
6	Impeller Washer	P46380	P46380	P46380
12	Volute Coverplate	P53042	P53042	P86434
12	Volute Coverplate - "F" Construction	P53043	P53043	NONE
4	Seal Kit Buna/Carbon/Ceramic	186862LF	186862LF	186862LF
4	Seal Kit EPR/Carbon/Tungsten Carbide	186861LF	186861LF	186861LF
2	Bearing Frame Assembly Consisting of:	185011LF	185011LF	185011LF
17	Bearing Frame	P77103	P77103	P77103
19 & 22	Shaft & Sleeve Kit	185308LF	185308LF	185308LF
20	Bearing Cap	P75606	P75606	P75606
25	Ball Bearing - Pump End	186002	186002	186002
26	Ball Bearing - Coupler End	186001	186001	186001
22	Shaft Sleeve	185140LF	185140LF	185140LF
7	Impeller Capscrew	P52350	P52350	P52350
9	Impeller Lockwasher	J23874	J23874	J23874
10	Impeller Key (Straight) Aug. 1989 (H98) & After	P49369	P49369	P49369
10	Impeller Key (Woodruff) July 1989 (G98) & Before	H32500	H32500	H32500
18	Spring Washer	J92558	J92558	J92558
21	Bearing Cap Capscrew (4)	J92291	J92291	J92291
13	Water Slinger	P53550	P53550	P53550
Parts for Pumps With 1⅝" Shaft At Seal				
5	Impeller (State Diameter) 11" Full Dia.	P2000551	P2000551	P2000551
6	Impeller Washer	P51230	P51230	P51230
12	Volute Coverplate	P53046	P53046	P86426
12	Volute Coverplate - "F" Construction	P53047	P53047	NONE
4	Seal Kit Buna/Carbon/Ceramic	186543LF	186543LF	186543LF
4	Seal Kit EPR/Carbon/Tungsten Carbide	185225LF	185225LF	185225LF
2	Bearing Frame Assembly Consisting of:	185014LF	185014LF	185014LF
17	Bearing Frame	P77161	P77161	P77161
19	Shaft	P79027	P79027	P79027
20	Bearing Cap	P75612	P75612	P75612
25	Ball Bearing - Pump End	186571	186571	186571
26	Ball Bearing - Coupler End	186572	186572	186572
22	Shaft Sleeve	185142LF	185142LF	185142LF
7	Impeller Capscrew	P13800	P13800	P13800
9	Impeller Lockwasher	J23875	J23875	J23875
10	Impeller Key (Straight) Aug. 1989 (H98) & After	P49372	P49372	P49372
10	Impeller Key (Woodruff) July 1989 (G98) & Before	H32700	H32700	H32700
18	Spring Washer	J92560	J92560	J92560
21	Bearing Cap Capscrew (4)	DJ0066	DJ0066	DJ0066
13	Water Slinger	P53720	P53720	P53720
	i-ALERT Condition Monitor	185400	185400	185400

* Includes wear ring.

— Factory recommended spare parts.

3-11SL

ITEM NO.	DESCRIPTION	PUMP CONSTRUCTION		
		BRONZE FITTED	BRONZE FITTED WITH WEAR RING	EPOXY COATED WITH WEAR RING
Parts Common To Both Size Pumps				
8	Volute	P43952	*P44011	*P86484
	Wear Ring	—	P50650	P50650
	Volute Drain Plug (4)	P39040	P39040	P39040
3	Volute Capscrew (16)	P13780	P13780	P13780
11	Volute Gasket	P80765	P80765	P80765
15	Coupler	See Coupler Selection Table, Page 33		
14	Coupler Key (Straight) Aug. 1989 (H98) & After	P49373	P49373	P49373
14	Coupler Key (Woodruff) July 1989 (G98) & Before	H32600	H32600	H32600
	For ANSI/OSHA Coupling Guard & Support Bracket Kit Selection, See Chart on Page 34			
Parts for Pumps With 1¼" Shaft At Seal				
5	Impeller (State Diameter) 11" Full Dia.	P2000545	P2000545	P2000545
6	Impeller Washer	P46380	P46380	P46380
12	Volute Coverplate	P53042	P53042	P86434
12	Volute Coverplate - "F" Construction	P53043	P53043	NONE
4	Seal Kit Buna/Carbon/Ceramic	186862LF	186862LF	186862LF
4	Seal Kit EPR/Carbon/Tungsten Carbide	186861LF	186861LF	186861LF
2	Bearing Frame Assembly Consisting of:	185011LF	185011LF	185011LF
17	Bearing Frame	P77103	P77103	P77103
19 & 22	Shaft & Sleeve Kit	185308LF	185308LF	185308LF
20	Bearing Cap	P75606	P75606	P75606
25	Ball Bearing - Pump End	186002	186002	186002
26	Ball Bearing - Coupler End	186001	186001	186001
22	Shaft Sleeve	185140LF	185140LF	185140LF
7	Impeller Capscrew	P52350	P52350	P52350
9	Impeller Lockwasher	J23874	J23874	J23874
10	Impeller Key (Straight) Aug. 1989 (H98) & After	P49369	P49369	P49369
10	Impeller Key (Woodruff) July 1989 (G98) & Before	H32500	H32500	H32500
18	Spring Washer	J92558	J92558	J92558
21	Bearing Cap Capscrew (4)	J92291	J92291	J92291
13	Water Slinger	P53550	P53550	P53550
Parts for Pumps With 1⅝" Shaft At Seal				
5	Impeller (State Diameter) 11" Full Dia.	P2000546	P2000546	P2000546
6	Impeller Washer	P51230	P51230	P51230
12	Volute Coverplate	P53046	P53046	P86426
12	Volute Coverplate - "F" Construction	P53047	P53047	NONE
4	Seal Kit Buna/Carbon/Ceramic	186543LF	186543LF	186543LF
4	Seal Kit EPR/Carbon/Tungsten Carbide	185225LF	185225LF	185225LF
2	Bearing Frame Assembly Consisting of:	185014LF	185014LF	185014LF
17	Bearing Frame	P77161	P77161	P77161
19	Shaft	P79027	P79027	P79027
20	Bearing Cap	P75612	P75612	P75612
25	Ball Bearing - Pump End	186571	186571	186571
26	Ball Bearing - Coupler End	186572	186572	186572
22	Shaft Sleeve	185142LF	185142LF	185142LF
7	Impeller Capscrew	P13800	P13800	P13800
9	Impeller Lockwasher	J23875	J23875	J23875
10	Impeller Key (Straight) Aug. 1989 (H98) & After	P49372	P49372	P49372
10	Impeller Key (Woodruff) July 1989 (G98) & Before	H32700	H32700	H32700
18	Spring Washer	J92560	J92560	J92560
21	Bearing Cap Capscrew (4)	DJ0066	DJ0066	DJ0066
13	Water Slinger	P53720	P53720	P53720
	i-ALERT Condition Monitor	185400	185400	185400

* Includes wear ring.

— Factory recommended spare parts.

4-11SL

ITEM NO.	DESCRIPTION	PUMP CONSTRUCTION		
		BRONZE FITTED	BRONZE FITTED WITH WEAR RING	EPOXY COATED WITH WEAR RING
Parts Common To Both Size Pumps				
8	Volute	P43958	*P44012	*P86494
	Wear Ring	—	P49142	P49142
	Volute Drain Plug (4)	P39040	P39040	P39040
3	Volute Capscrew (16)	P13780	P13780	P13780
11	Volute Gasket	P80765	P80765	P80765
15	Coupler	See Coupler Selection Table, Page 33		
14	Coupler Key (Straight) Aug. 1989 (H98) & After	P49373	P49373	P49373
14	Coupler Key (Woodruff) July 1989 (G98) & Before	H32600	H32600	H32600
	For ANSI/OSHA Coupling Guard & Support Bracket Kit Selection, See Chart on Page 34			
Parts for Pumps With 1¼" Shaft At Seal				
5	Impeller (State Diameter) 11" Full Dia.	P2000547	P2000547	P2000547
6	Impeller Washer	P46380	P46380	P46380
12	Volute Coverplate	P53042	P53042	P86434
12	Volute Coverplate - "F" Construction	P53043	P53043	NONE
4	Seal Kit Buna/Carbon/Ceramic	186862LF	186862LF	186862LF
4	Seal Kit EPB/Carbon/Tungsten Carbide	186861LF	186861LF	186861LF
2	Bearing Frame Assembly Consisting of:	185011LF	185011LF	185011LF
17	Bearing Frame	P77103	P77103	P77103
19 & 22	Shaft & Sleeve Kit	185308LF	185308LF	185308LF
20	Bearing Cap	P75606	P75606	P75606
25	Ball Bearing - Pump End	186002	186002	186002
26	Ball Bearing - Coupler End	186001	186001	186001
22	Shaft Sleeve	185140LF	185140LF	185140LF
7	Impeller Capscrew	P52350	P52350	P52350
9	Impeller Lockwasher	J23874	J23874	J23874
10	Impeller Key (Straight) Aug. 1989 (H98) & After	P49369	P49369	P49369
10	Impeller Key (Woodruff) July 1989 (G98) & Before	H32500	H32500	H32500
18	Spring Washer	J92558	J92558	J92558
21	Bearing Cap Capscrew (4)	J92291	J92291	J92291
13	Water Slinger	P53550	P53550	P53550
Parts for Pumps With 1⅝" Shaft At Seal				
5	Impeller (State Diameter) 11" Full Dia.	P2000548	P2000548	P2000548
6	Impeller Washer	P51230	P51230	P51230
12	Volute Coverplate	P53046	P53046	P86426
4	Volute Coverplate - "F" Construction	P53047	P53047	NONE
4	Seal Kit Buna/Carbon/Ceramic	186543LF	186543LF	186543LF
4	Seal Kit EPB/Carbon/Tungsten Carbide	185225LF	185225LF	185225LF
2	Bearing Frame Assembly Consisting of:	185014LF	185014LF	185014LF
17	Bearing Frame	P77161	P77161	P77161
19	Shaft	P79027	P79027	P79027
20	Bearing Cap	P75612	P75612	P75612
25	Ball Bearing - Pump End	186571	186571	186571
26	Ball Bearing - Coupler End	186572	186572	186572
22	Shaft Sleeve	185142LF	185142LF	185142LF
7	Impeller Capscrew	P13800	P13800	P13800
9	Impeller Lockwasher	J23875	J23875	J23875
10	Impeller Key (Straight) Aug. 1989 (H98) & After	P49372	P49372	P49372
10	Impeller Key (Woodruff) July 1989 (G98) & Before	H32700	H32700	H32700
18	Spring Washer	J92560	J92560	J92560
21	Bearing Cap Capscrew (4)	DJ0066	DJ0066	DJ0066
13	Water Slinger	P53720	P53720	P53720
	i-ALERT Condition Monitor	185400	185400	185400

* Includes wear ring.

— Factory recommended spare parts.

5-11SL

ITEM NO.	DESCRIPTION	PUMP CONSTRUCTION		
		BRONZE FITTED	BRONZE FITTED WITH WEAR RING	EPOXY COATED WITH WEAR RING
8	Volute	P43965	*P44013	*P86506
	Wear Ring	—	P51390	P51390
	Volute Drain Plug (4)	P39040	P39040	P39040
3	Volute Capscrew (16)	P13780	P13780	P13780
11	Volute Gasket	P80765	P80765	P80765
15	Coupler	See Coupler Selection Table, Page 33		
14	Coupler Key (Straight) Aug. 1989 (H98) & After	P49373	P49373	P49373
14	Coupler Key (Woodruff) July 1989 (G98) & Before	H32600	H32600	H32600
For ANSI/OSHA Coupling Guard & Support Bracket Kit Selection, See Chart on Page 34				
Parts for Pumps with 1½" Shaft at Seal				
5	Impeller (State Diameter) 11" Full Dia.	P2000549	P2000549	P2000549
6	Impeller Washer	P51230	P51230	P51230
12	Volute Coverplate	P53046	P53046	P86426
12	Volute Coverplate - "F" Construction	P53047	P53047	NONE
4	Seal Kit Buna/Carbon/Ceramic	186543LF	186543LF	186543LF
4	Seal Kit EPR/Carbon/Tungsten Carbide	185225LF	185225LF	185225LF
2	Bearing Frame Assembly Consisting of:	185014LF	185014LF	185014LF
17	Bearing Frame	P77161	P77161	P77161
19	Shaft	P79027	P79027	P79027
20	Bearing Cap	P75612	P75612	P75612
25	Ball Bearing - Pump End	186571	186571	186571
26	Ball Bearing - Coupler End	186572	186572	186572
22	Shaft Sleeve	185142LF	185142LF	185142LF
7	Impeller Capscrew	P13800	P13800	P13800
9	Impeller Lockwasher	J23875	J23875	J23875
10	Impeller Key (Straight) Aug. 1989 (H98) & After	P49372	P49372	P49372
10	Impeller Key (Woodruff) July 1989 (G98) & Before	H32700	H32700	H32700
18	Spring Washer	J92560	J92560	J92560
21	Bearing Cap Capscrew (4)	DJ0066	DJ0066	DJ0066
13	Water Slinger	P53720	P53720	P53720
	i-ALERT Condition Monitor	185400	185400	185400

* Includes wear ring.

— Factory recommended spare parts.

6-11SL

ITEM NO.	DESCRIPTION	PUMP CONSTRUCTION		
		BRONZE FITTED	BRONZE FITTED WITH WEAR RING	EPOXY COATED WITH WEAR RING
8	Volute	P43972	*P44014	*P86514
	Wear Ring	—	P51390	P51390
	Volute Drain Plug (4)	P39040	P39040	P39040
3	Volute Capscrew (16)	P13780	P13780	P13780
11	Volute Gasket	P80765	P80765	P80765
15	Coupler	See Coupler Selection Table, Page 33		
14	Coupler Key (Straight) Aug. 1989 (H98) & After	P49373	P49373	P49373
14	Coupler Key (Woodruff) July 1989 (G98) & Before	H32600	H32600	H32600
For ANSI/OSHA Coupling Guard & Support Bracket Kit Selection, See Chart on Page 34				
Parts for Pumps with 1½" Shaft at Seal				
5	Impeller (State Diameter) 11" Full Dia.	P2000550	P2000550	P2000550
6	Impeller Washer	P51230	P51230	P51230
12	Volute Coverplate	P53046	P53046	P86426
12	Volute Coverplate - "F" Construction	P53047	P53047	NONE
4	Seal Kit Buna/Carbon/Ceramic	186543LF	186543LF	186543LF
4	Seal Kit EPR/Carbon/Tungsten Carbide	185225LF	185225LF	185225LF
2	Bearing Frame Assembly Consisting of:	185014LF	185014LF	185014LF
17	Bearing Frame	P77161	P77161	P77161
19	Shaft	P79027	P79027	P79027
20	Bearing Cap	P75612	P75612	P75612
25	Ball Bearing - Pump End	186571	186571	186571
26	Ball Bearing - Coupler End	186572	186572	186572
22	Shaft Sleeve	185142LF	185142LF	185142LF
7	Impeller Capscrew	P13800	P13800	P13800
9	Impeller Lockwasher	J23875	J23875	J23875
10	Impeller Key (Straight) Aug. 1989 (H98) & After	P49372	P49372	P49372
10	Impeller Key (Woodruff) July 1989 (G98) & Before	H32700	H32700	H32700
18	Spring Washer	J92560	J92560	J92560
21	Bearing Cap Capscrew (4)	DJ0066	DJ0066	DJ0066
13	Water Slinger	P53720	P53720	P53720
	i-ALERT Condition Monitor	185400	185400	185400

* Includes wear ring.

— Factory recommended spare parts.

2-13SL

ITEM NO.	DESCRIPTION	PUMP CONSTRUCTION		
		BRONZE FITTED	BRONZE FITTED WITH WEAR RING	EPOXY COATED WITH WEAR RING
8	Volute	P44071	*P44091	*P86406
	Wear Ring	—	P49130	P49130
	Volute Drain Plug (4)	P39040	P39040	P39040
3	Volute Capscrew (16)	P13780	P13780	P13780
11	Volute Gasket	P80767	P80767	P80767
15	Coupler	See Coupler Selection Table, Page 33		
14	Coupler Key (Straight) Aug. 1989 (H98) & After	P49373	P49373	P49373
14	Coupler Key (Woodruff) July 1989 (G98) & Before	H32600	H32600	H32600
	For ANSI/OSHA Coupling Guard & Support Bracket Kit Selection, See Chart on Page 34			
Parts for Pumps with 1⅝" Shaft at Seal				
5	Impeller (State Diameter) 13½" Full Dia.	P2000552	P2000552	P2000552
6	Impeller Washer	P51230	P51230	P51230
12	Volute Coverplate	P51561	P51561	P86363
12	Volute Coverplate - "F" Construction	P51567	P51567	NONE
4	Seal Kit Buna/Carbon/Ceramic	186543LF	186543LF	186543LF
4	Seal Kit EPR/Carbon/Tungsten Carbide	185225LF	185225LF	185225LF
2	Bearing Frame Assembly Consisting of:	185014LF	185014LF	185014LF
17	Bearing Frame	P77161	P77161	P77161
19	Shaft	P79027	P79027	P79027
20	Bearing Cap	P75612	P75612	P75612
25	Ball Bearing - Pump End	186571	186571	186571
26	Ball Bearing - Coupler End	186572	186572	186572
22	Shaft Sleeve	185142LF	185142LF	185142LF
7	Impeller Capscrew	P13800	P13800	P13800
9	Impeller Lockwasher	J23875	J23875	J23875
10	Impeller Key (Straight) Aug. 1989 (H98) & After	P49372	P49372	P49372
10	Impeller Key (Woodruff) July 1989 (G98) & Before	H32700	H32700	H32700
18	Spring Washer	J92560	J92560	J92560
21	Bearing Cap Capscrew (4)	DJ0066	DJ0066	DJ0066
13	Water Slinger	P53720	P53720	P53720
	i-ALERT Condition Monitor	185400	185400	185400

* Includes wear ring.

— Factory recommended spare parts.

3-13SL

ITEM NO.	DESCRIPTION	PUMP CONSTRUCTION		
		BRONZE FITTED	BRONZE FITTED WITH WEAR RING	EPOXY COATED WITH WEAR RING
8	Volute	P44073	*P44092	*P86408
	Wear Ring	—	P50650	P50650
	Volute Drain Plug (4)	P39040	P39040	P39040
3	Volute Capscrew (16)	P13780	P13780	P13780
11	Volute Gasket	P80767	P80767	P80767
15	Coupler	See Coupler Selection Table, Page 33		
14	Coupler Key (Straight) Aug. 1989 (H98) & After	P49373	P49373	P49373
14	Coupler Key (Woodruff) July 1989 (G98) & Before	H32600	H32600	H32600
For ANSI/OSHA Coupling Guard & Support Bracket Kit Selection, See Chart on Page 34				
Parts for Pumps with 1⅝" Shaft at Seal				
5	Impeller (State Diameter) 13½" Full Dia.	P2000553	P2000553	P2000553
6	Impeller Washer	P51230	P51230	P51230
12	Volute Coverplate	P51561	P51561	P86363
12	Volute Coverplate - "F" Construction	P51567	P51567	NONE
4	Seal Kit Buna/Carbon/Ceramic	186543LF	186543LF	186543LF
4	Seal Kit EPR/Carbon/Tungsten Carbide	185225LF	185225LF	185225LF
2	Bearing Frame Assembly Consisting of:	185014LF	185014LF	185014LF
17	Bearing Frame	P77161	P77161	P77161
19	Shaft	P79027	P79027	P79027
20	Bearing Cap	P75612	P75612	P75612
25	Ball Bearing - Pump End	186571	186571	186571
26	Ball Bearing - Coupler End	186572	186572	186572
22	Shaft Sleeve	185142LF	185142LF	185142LF
7	Impeller Capscrew	P13800	P13800	P13800
9	Impeller Lockwasher	J23875	J23875	J23875
10	Impeller Key (Straight) Aug. 1989 (H98) & After	P49372	P49372	P49372
10	Impeller Key (Woodruff) July 1989 (G98) & Before	H32700	H32700	H32700
18	Spring Washer	J92560	J92560	J92560
21	Bearing Cap Capscrew (4)	DJ0066	DJ0066	DJ0066
13	Water Slinger	P53720	P53720	P53720
	i-ALERT Condition Monitor	185400	185400	185400

* Includes wear ring.

— Factory recommended spare parts.

4-13SL

ITEM NO.	DESCRIPTION	PUMP CONSTRUCTION		
		BRONZE FITTED	BRONZE FITTED WITH WEAR RING	EPOXY COATED WITH WEAR RING
8	Volute	P85684	P85685	*P86412
	Wear Ring	—	P49134	P49134
	Volute Drain Plug (4)	P39040	P39040	P39040
3	Volute Capscrew (16)	P13780	P13780	P13780
11	Volute Gasket	P80767	P80767	P80767
15	Coupler	See Coupler Selection Table, Page 33		
14	Coupler Key (Straight) Aug. 1989 (H98) & After	P49373	P49373	P49373
14	Coupler Key (Woodruff) July 1989 (G98) & Before	H32600	H32600	H32600
For ANSI/OSHA Coupling Guard & Support Bracket Kit Selection, See Chart on Page 34				
Parts for Pumps with 1⅝" Shaft at Seal				
5	Impeller (State Diameter) 13½" Full Dia.	P2000568	P2000568	P2000568
6	Impeller Washer	P51230	P51230	P51230
12	Volute Coverplate	P51561	P51561	P86363
12	Volute Coverplate - "F" Construction	P51567	P51567	NONE
4	Seal Kit Buna/Carbon/Ceramic	186543LF	186543LF	186543LF
4	Seal Kit EPB/Carbon/Tungsten Carbide	185225LF	185225LF	185225LF
2	Bearing Frame Assembly Consisting of:	185014LF	185014LF	185014LF
17	Bearing Frame	P77161	P77161	P77161
19	Shaft	P79027	P79027	P79027
20	Bearing Cap	P75612	P75612	P75612
25	Ball Bearing - Pump End	186571	186571	186571
26	Ball Bearing - Coupler End	186572	186572	186572
22	Shaft Sleeve	185142LF	185142LF	185142LF
7	Impeller Capscrew	P13800	P13800	P13800
9	Impeller Lockwasher	J23875	J23875	J23875
10	Impeller Key (Straight) Aug. 1989 (H98) & After	P49372	P49372	P49372
10	Impeller Key (Woodruff) July 1989 (G98) & Before	H32700	H32700	H32700
18	Spring Washer	J92560	J92560	J92560
21	Bearing Cap Capscrew (4)	DJ0066	DJ0066	DJ0066
13	Water Slinger	P53720	P53720	P53720
	i-ALERT Condition Monitor	185400	185400	185400

* Includes wear ring.

— Factory recommended spare parts.

5-13SL

ITEM NO.	DESCRIPTION	PUMP CONSTRUCTION		
		BRONZE FITTED	BRONZE FITTED WITH WEAR RING	EPOXY COATED WITH WEAR RING
Parts Common To Both Size Pumps				
8	Volute	P44077	*P44094	*P86416
	Wear Ring	—	P49136	P49136
	Volute Drain Plug (4)	P39040	P39040	P39040
3	Volute Capscrew (16)	P13780	P13780	P13780
11	Volute Gasket	P80767	P80767	P80767
15	Coupler	See Coupler Selection Table, Page 33		
	For ANSI/OSHA Coupling Guard & Support Bracket Kit Selection, See Chart on Page 34			
Parts for Pumps With 1 ⁵ / ₈ " Shaft At Seal				
5	Impeller (State Diameter) 12 ⁹ / ₁₆ " - 13 ¹ / ₂ "	P2000566	P2000566	P2000566
5	Impeller (State Diameter) 12 ¹ / ₂ " or Less	P2000707	P2000707	P2000707
6	Impeller Washer	P51230	P51230	P51230
12	Volute Coverplate	P51561	P51561	P86363
12	Volute Coverplate - "F" Construction	P51567	P51567	NONE
4	Seal Kit Buna/Carbon/Ceramic	186543LF	186543LF	186543LF
4	Seal Kit EPR/Carbon/Tungsten Carbide	185225LF	185225LF	185225LF
2	Bearing Frame Assembly Consisting of:	185014LF	185014LF	185014LF
17	Bearing Frame	P77161	P77161	P77161
19	Shaft & Sleeve Kit	P79027	P79027	P79027
20	Bearing Cap	P75612	P75612	P75612
25	Ball Bearing - Pump End	186571	186571	186571
26	Ball Bearing - Coupler End	186572	186572	186572
22	Shaft Sleeve	185142LF	185142LF	185142LF
7	Impeller Capscrew	P13800	P13800	P13800
9	Impeller Lockwasher	J23875	J23875	J23875
10	Impeller (Straight) Aug. 1989 (H98) & After	P49372	P49372	P49372
10	Impeller Key (Woodruff) July 1989 (G98) & Before	H32700	H32700	H32700
14	Coupler Key (Straight) Aug. 1989 (H98) & After	P49373	P49373	P49373
14	Coupler Key (Woodruff) July 1989 (G98) & Before	H32600	H32600	H32600
18	Spring Washer	J92560	J92560	J92560
21	Bearing Cap Capscrew (4)	DJ0066	DJ0066	DJ0066
13	Water Slinger	P53720	P53720	P53720
Parts for Pumps With 2 ³ / ₈ " Shaft At Seal Δ				
5	Impeller (State Diameter) 13 ¹ / ₂ " Full Dia.	P2000555	P2000555	P2000555
6	Impeller Washer	P46384	P46384	P46385
12	Volute Coverplate	P51564	P51564	P86438
12	Volute Coverplate - "F" Construction	P51568	P51568	NONE
4	Seal Kit Buna/Carbon/Ceramic	186828LF	186828LF	186828LF
4	Seal Kit EPR/Carbon/Tungsten Carbide	186836LF	186836LF	186836LF
2	Bearing Frame Assembly Consisting of:	185320LF	185320LF	185320LF
17	Bearing Frame	P51572	P51572	P51572
19	Shaft	P79011	P79011	P79011
20	Bearing Cap - Pump End	P51582	P51582	P51582
	Bearing Cap - Coupler End	P51584	P51584	P51584
23	Bearing Locknut	J92388	J92388	J92388
24	Bearing Lockwasher	J92389	J92389	J92389
25	Ball Bearing - Pump End	J92413	J92413	J92413
26	Ball Bearing - Coupler End	J92414	J92414	J92414
22	Shaft Sleeve	P78741LF	P78741LF	P78741LF
7	Impeller Capscrew	J92019	J92019	J92019
9	Impeller Lockwasher	J23876	J23876	J23876
10	Impeller Key	J93448	J93448	J93448
14	Coupler Key	J93448	J93448	J93448
21	Bearing Cap Capscrew (8)	DJ0071	DJ0071	DJ0071
13	Water Slinger	P81917	P81917	P81917
	i-ALERT Condition Monitor	185400	185400	185400

* Includes wear ring.

— Factory recommended spare parts.

Δ Extra Large Bearing Frame not used on current production pumps, only pumps prior to D69 date code.

6-13SL

ITEM NO.	DESCRIPTION	PUMP CONSTRUCTION		
		BRONZE FITTED	BRONZE FITTED WITH WEAR RING	EPOXY COATED WITH WEAR RING
Parts Common To Both Size Pumps				
8	Volute	P44081	*P44095	*P86341
	Wear Ring	—	P49138	P49138
	Volute Drain Plug (4)	P39040	P39040	P39040
3	Volute Capscrew (16)	P13780	P13780	P13780
11	Volute Gasket	P80767	P80767	P80767
15	Coupler	See Coupler Selection Table, Page 33		
	For ANSI/OSHA Coupling Guard & Support Bracket Kit Selection, See Chart on Page 34			
Parts for Pumps With 1 ⁵ / ₈ " Shaft At Seal				
5	Impeller (State Diameter) 12 ⁹ / ₁₆ " - 13 ¹ / ₂ "	P2000567	P2000567	P2000567
5	Impeller (State Diameter) 12 ¹ / ₂ " or Less	P77513	P77513	P77513
6	Impeller Washer	P51230	P51230	P51230
12	Volute Coverplate	P51561	P51561	P86363
12	Volute Coverplate - "F" Construction	P51567	P51567	NONE
4	Seal Kit Buna/Carbon/Ceramic	186543LF	186543LF	186543LF
4	Seal Kit EPR/Carbon/Tungsten Carbide	185225LF	185225LF	185225LF
2	Bearing Frame Assembly Consisting of:	185014LF	185014LF	185014LF
17	Bearing Frame	P77161	P77161	P77161
19	Shaft	P79027	P79027	P79027
20	Bearing Cap	P75612	P75612	P75612
25	Ball Bearing - Pump End	186571	186571	186571
26	Ball Bearing - Coupler End	186572	186572	186572
22	Shaft Sleeve	185142LF	185142LF	185142LF
7	Impeller Capscrew	P13800	P13800	P13800
9	Impeller Lockwasher	J23875	J23875	J23875
10	Impeller (Straight) Aug. 1989 (H98) & After	P49372	P49372	P49372
10	Impeller Key (Woodruff) July 1989 (G98) & Before	H32700	H32700	H32700
14	Coupler Key (Straight) Aug. 1989 (H98) & After	P49373	P49373	P49373
14	Coupler Key (Woodruff) July 1989 (G98) & Before	H32600	H32600	H32600
18	Spring Washer	J92560	J92560	J92560
21	Bearing Cap Capscrew (4)	DJ0066	DJ0066	DJ0066
13	Water Slinger	P53720	P53720	P53720
Parts for Pumps With 2 ³ / ₈ " Shaft At Seal				
5	Impeller (State Diameter) 13 ¹ / ₂ " Full Dia.	P2000556	P2000556	P2000556
6	Impeller Washer	P46384	P46384	P46384
12	Volute Coverplate	P51564	P51564	P86438
12	Volute Coverplate - "F" Construction	P51568	P51568	NONE
4	Seal Kit Buna/Carbon/Ceramic	186828LF	186828LF	186828LF
4	Seal Kit EPR/Carbon/Tungsten Carbide	186836LF	186836LF	186836LF
2	Bearing Frame Assembly Consisting of:	185320LF	185320LF	185320LF
17	Bearing Frame	P51572	P51572	P51572
19	Shaft	P79011	P79011	P79011
20	Bearing Cap - Pump End	P51582	P51582	P51582
	Bearing Cap - Coupler End	P51584	P51584	P51584
23	Bearing Locknut	J92388	J92388	J92388
24	Bearing Lockwasher	J92389	J92389	J92389
25	Ball Bearing - Pump End	J92413	J92413	J92413
26	Ball Bearing - Coupler End	J92414	J92414	J92414
22	Shaft Sleeve	P78741	P78741	P78741
7	Impeller Capscrew	J92019	J92019	J92019
9	Impeller Lockwasher	J23876	J23876	J23876
14	Coupler Key	J93448	J93448	J93448
10	Impeller Key	J93448	J93448	J93448
21	Bearing Cap Capscrew (8)	DJ0071	DJ0071	DJ0071
13	Water Slinger	P81917	P81917	P81917
	i-ALERT Condition Monitor	185400	185400	185400

* Includes wear ring.

— Factory recommended spare parts.

8-13SL

ITEM NO.	DESCRIPTION	PUMP CONSTRUCTION		
		BRONZE FITTED	BRONZE FITTED WITH WEAR RING	EPOXY COATED WITH WEAR RING
1	Volute	AC0274	AC0274	P86319
43	Volute Wear Ring	—	AC0769	AC0769
5	Volute Capscrew (8)	P13810	P13810	P13810
3	Volute O-Ring	AC0543	AC0543	AC0543
26	Seal (EPR/Carbon/Ni-Resist)	186574	186574	186574
26	Seal (Buna/Carbon/Ceramic)	P70517	P70517	P70517
26	Seal (EPR/Carbon/Tungsten Carbide)	AC3049	AC3049	AC3049
45	Spacer Sleeve	AC0573	AC0573	AC0573
30	Gland	AC0664	AC0664	AC0664
21	Gland Stud (2)	AC0581	AC0581	AC0581
22	Gland Nut (2)	AC0501	AC0501	AC0501
	Coupler	See Coupler Selection Table, Page 33		
ANSI/OSHA Coupling Guard & Support Bracket Kit Selection, See Page 34				
2	Impeller (State Diameter) 13" Full Dia.	P2000517	—	P2000517
2	Impeller for Wear Ring (State Diameter) 13" Full Dia.	—	P2000518	P2000518
44	Impeller Nut	AC0584	AC0584	AC0584
10	Impeller Washer	AC0503	AC0503	AC0503
11	Shaft Sleeve (Bronze)	AC0609	AC0609	AC0609
11	Shaft Sleeve (Stainless Steel)	AC0608	AC0608	AC0608
4	Volute Coverplate	AC0306	AC0306	CF
43	Coverplate Wear Ring	—	AC0769	AC0769
	Bearing Frame Assembly Consisting of:	186006	186006	186006
33	Bearing Frame	AC0480	AC0480	AC0480
35	Shaft	AC0734	AC0734	AC0734
36	Bearing Cap (2)	AC0702	AC0702	AC0702
41 & 42	Ball Bearing (2)	186572	186572	186572
46	Shaft Retainer Ring	AC0516	AC0516	AC0516
47	Retainer Ring (Outboard)	AC0515	AC0515	AC0515
48	Retainer Ring (Inboard)	AC0512	AC0512	AC0512
	Coupler Key	AC0525	AC0525	AC0525
20	Impeller Key	AC0524	AC0524	AC0524
19	Water Slinger	AC0621	AC0621	AC0621
	Pipe Plug	AC0532	AC0532	AC0532
	Grease Fitting (2)	P70614	P70614	P70614
	Support Foot Capscrew	S43640	S43640	S43640
	Support Foot Lockwasher	P16690	P16690	P16690
50	Bearing Support Foot	AC0930	AC0930	AC0930
49	By-Pass Piping Consisting of:			
	Tubing (2 ft.)	X42104	X42104	X42104
	Elbow	AC0533	AC0533	AC0533
	Connector	AC0535	AC0535	AC0535
	i-ALERT Condition Monitor	185400	185400	185400

— Factory recommended spare parts.

CF - Consult Factory.

Coupler Selection Table

PUMP SIZE	FRAME SIZE	SHAFT SPACE	H.P.	MOTOR SHAFT SIZE	COUPLER 16	SLEEVE FOR WOOD'S COUPLER	SPIDER FOR LOVEJOY COUPLER
FOR PUMPS WITH SMALL BEARING FRAME 1" SHAFT AT COUPLER	56	1 ¹ / ₄ "	1 ¹ / ₂ -3/4	5/8"	186868	P78804(4J)	P45540
	143T-145T	1 ³ / ₄ "	1 – 1 ¹ / ₂ – 2 – 3	7/8"	186869	P78804(4J)	P45540
	182T-184T	1 ³ / ₄ "	2 – 3 – 5 – 7 ¹ / ₂	1 ¹ / ₈ "	186870	P78729(5J)	P45540
	213T	2 ¹ / ₂ "	5 – 7 ¹ / ₂ – 10	1 ³ / ₈ "	186871	P78791(6J)	P45532
	215T	2 ¹ / ₂ "	7 ¹ / ₂ – 10 – 15	1 ³ / ₈ "	186871	P78791(6J)	P45532
	254T	2 ¹ / ₂ "	15 – 20	1 ⁵ / ₈ "	186873	P78792(7S)	P45532
	256T	2 ¹ / ₂ "	20 – 25	1 ⁵ / ₈ "	P63240	P78794(8S)	P45532
FOR PUMPS WITH LARGE BEARING FRAME 1 ¹ / ₄ " SHAFT AT COUPLER	213T	3 ³ / ₄ "	7 ¹ / ₂	1 ³ / ₈ "	186872	P78791(6J)	P45532
	215T	3 ³ / ₄ "	10	1 ³ / ₈ "	186872	P78791(6J)	P45532
	254T	3 ³ / ₄ "	15	1 ⁵ / ₈ "	P63239	P78792(7S)	P45532
	256T	3 ³ / ₄ "	20	1 ⁵ / ₈ "	186874	P78794(8S)	—
	284T	3 ³ / ₄ "	25	1 ⁷ / ₈ "	P63242	P78794(8S)	—
	284T	4"	25	1 ⁷ / ₈ "	P63243	P78794(8S)	—
	286T	3 ³ / ₄ "	30	1 ⁷ / ₈ "	P63244	P78796(9S)	—
	286T	4"	30	1 ⁷ / ₈ "	P63244	P78796(9S)	—
	284TS	3 ³ / ₄ "	30	1 ⁵ / ₈ "	P63239	P78792(7S)	P45532
	286TS	3 ³ / ₄ "	40	1 ⁵ / ₈ "	186874	P78794(8S)	P45532
	324T	4"	40	2 ¹ / ₈ "	P63245	P78796(9S)	—
	326T	4"	50	2 ¹ / ₈ "	P63247	P78798(10S)	—
	324TS	3 ³ / ₄ "	50	1 ⁷ / ₈ "	P63242	P78794(8S)	—
	326TS	3 ³ / ₄ "	60	1 ⁷ / ₈ "	P63244	P78796(9S)	—
	364T	4"	60	2 ³ / ₈ "	P63248	P78798(10S)	—
	364TS	4"	60-75	1 ⁷ / ₈ "	P63244	P78796(9S)	—
FOR 5-13SL AND 6-13SL PUMPS WITH EXTRA LARGE BEARING FRAME 1 ⁷ / ₈ " SHAFT AT COUPLER**	365T	4"	75	2 ³ / ₈ "	P63250	P78802(11S)	—
	365TS	4"	75-100	1 ⁷ / ₈ "	P63246	P78798(10S)	—
	404TS	4"	100-125	2 ¹ / ₈ "	P63253	P78802(11S)	—
	324T	5 ³ / ₈ "	50	2 ¹ / ₈ "	P82161 P82162	P78796	—
	326T	5 ³ / ₈ "	50	2 ¹ / ₈ "	P82096 P82097	P82098	—
	364TS	5 ³ / ₈ "	60	1 ⁷ / ₈ "	P82096 2 REQ'D	P82098	—
FOR 8-13SL PUMPS WITH EXTRA LARGE BEARING FRAME† 1 ⁵ / ₈ " SHAFT AT COUPLER**	365TS	5 ³ / ₈ "	75	1 ⁷ / ₈ "	P82158 2 REQ'D	P82142	—
	404TS	5 ³ / ₈ "	100	2 ¹ / ₈ "	P82158 P82141	P82142	—
	405TS	5 ³ / ₈ "	125	2 ¹ / ₈ "	P82161 P82162	P82144	—
	284T	1 ¹ / ₂ "	25	1 ⁷ / ₈ "	AC1471 AC1472	AC1444	—
	286T	1 ¹ / ₂ "	30	1 ⁷ / ₈ "	AC1471 AC1472	AC1444	—
	324T	1 ¹ / ₂ "	40	2 ¹ / ₈ "	AC1475 AC1477	AC1445	—
	326T	1 ¹ / ₂ "	50	2 ¹ / ₈ "	AC1475 AC1477	AC1445	—
	364T	3"	60	2 ³ / ₈ "	AC1483 AC1480	P78802	—
	365T	3"	75	2 ³ / ₈ "	AC1483 AC1480	P78802	—
	364TS	3 ⁵ / ₈ "	60	1 ⁷ / ₈ "	AC1481 AC1480	P78802	—
	365TS	3 ⁵ / ₈ "	75	1 ⁷ / ₈ "	AC1481 AC1480	P78802	—
	404TS	3 ⁵ / ₈ "	100	2 ¹ / ₈ "	AC1485 AC1486	P81933	—
	405TS	3 ⁵ / ₈ "	125	2 ¹ / ₈ "	AC1485 AC1486	P81933	—
	444TS	3 ⁵ / ₈ "	150	2 ³ / ₈ "	52-219-923-519 AC1485	P81933	—
	445TS	3 ⁵ / ₈ "	200	2 ³ / ₈ "	52-219-923-519 AC1485	P81933	—

**SPACER TYPE COUPLER USED ON THESE PUMPS. TO OBTAIN COMPLETE COUPLER, SPECIFY BOTH HALVES AND SLEEVE.

— Factory recommended spare parts.

†Consult factory if coupler is needed for an 8-13SL pump manufactured before 2001.

ANSI/OSHA Guard & Bracket Kit Selection Chart for Standard EPDM Coupling

Coupler Guard Kit Part Numbers: 1=186884 2=186885 3=186887 4=186888
5=186889 6=185327

PUMP SIZE	BEARING FRAME	MOTOR FRAME / GUARD KIT NUMBER																								SUPPORT BRACKET KIT	
		56	143T	145T	182T	184T	213T	215T	254T	256T	284T	284TS	286T	286TS	324T	324TS	326T	364T	364TS	365T	365TS	404TS	405TS	444TS	\$\$\$TS		
1¼-7SL	SMALL	1	1	1	1	1	1	1	2																	186905	
1½-7SL	SMALL	1	1	1	1	1	1	1																		186906	
									2																	186905	
2-7SL	SMALL	1	1	1	1	1	1	1																		186906	
									2	2																186905	
2½-7SL	SMALL	1	1	1	1	1	1	1																		186906	
									2	2																186905	
3-7SL	SMALL	1	1	1	1	1																				186905	
																										186904	
							2	2																		186905	
3-7SL	LARGE						2	2																		186906	
											2		2													186906	
4-7SL	SMALL		1	1	1	1	1																			186906	
4-7SL	LARGE							2	2	2					2		2									186905	
5-7SL	SMALL											2		2												186906	
						1	1	1	1																	186908	
5-7SL	LARGE								2	2		2		2		2		2								186907	
																										186906	
1¼-9SL	SMALL		1	1	1	1																				186905	
								2	2	2	2															186906	
1¼-9SL	LARGE							2	2	2	2															186906	
																										186905	
1½-9SL	SMALL		1	1	1	1	1																			186906	
									2	2	2					2		2								186905	
1½-9SL	LARGE								2	2						2		2								186906	
												2		2												186906	
2-9SL	SMALL		1	1	1	1	1																			186906	
									2	2	2						2		2							186905	
2-9SL	LARGE								2	2							2		2							186906	
												2		2												186906	
2½-9SL	SMALL			1	1	1	1	1																		186906	
									2	2							2		2							186905	
2½-9SL	LARGE									2	2						2		2							186906	
												2		2					2							186906	
3-9SL	SMALL				1	1	1	1	2																	186906	
														2		2			2							186905	
3-9SL	LARGE													2		2			2							186906	
														2		2			2							186906	
4-9SL	SMALL						1	1	2																	186908	
										2		2		2		2		2								186907	
4-9SL	LARGE									2		2		2		2		2								186910	
																			2		3	6				186911	
5-9SL	SMALL						1	1	2																	186908	
5-9SL	LARGE								2	2		2		2												186908	
6-9SL	LARGE							2	2	2	2		2		2											186908	
2-11SL	SMALL				1	1	1	1	2																	186908	
														2		2		2								186907	
2-11SL	LARGE																		2		3					186910	
																										186908	
3-11SL	SMALL					1	1	1	2																	186907	
										2							2		2							186910	
3-11SL	LARGE																		2		3	6				186910	
																										186908	
4-11SL	SMALL						1	1	2																	186907	
											2	2			2		2		2							186910	
4-11SL	LARGE										2	2			2		2		2							186907	
																			2		3	6	6			186910	
5-11SL	LARGE							2	2	2	2		2		2		2									186908	
6-11SL	LARGE							2	2	2	2		2		2			4								186910	
2-13SL	LARGE							2	2	2	2	2		2		2		4								186907	
3-13SL	LARGE							2	2	2	2	2		2												186907	
4-13SL	LARGE							2	2	2	2	2		2		2										186908	
5-13SL	LARGE								2	2	2		2		2		2		4		3						186910
																										186913	
6-13SL	LARGE											2	2		2		2		4		3						186910
																										186913	
																										186913	
6-13SL	X-LARGE (a)														4		4		4		4	4	4			186913	
																4		4		4		6	6	5		186913	
8-13SL	LARGE										2		2		2		2		6	3	6	3	3	3	3	3	186916

(a) Standard Hytrel Coupler

(b) EPDM Sleeve Option

HOW TO USE THIS CHART TO SELECT A COUPLER GUARD AND BRACKET KIT:

Example (shaded grey above): Pump Model = 4AC w/ a 20 HP, 208-230/460 Volt, 3 PH, 3600 RPM, 254T Fr. motor. The Coupler Guard kit is 186885 and would require a 186905 bracket kit.

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- 2) a leading global water technology company.

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