

PARTS FOR SERIES HV & 2"

SERIES HV MANUFACTURED AFTER JANUARY, 1976 ("AT" DATE CODE)

ITEM NO.	DESCRIPTION	HV NFI 102210	HV BI 102230	HV AB 102231	HV BNFI 102213
1	Body	189124	189124	189125	189125
	Body Capscrew (4 required)	P03470	P03470	P03470	P03470
4	Bearing Assembly	189165	189165	189165	189165
4 & 8	Bearing Assembly with Impeller	189166	NONE	NONE	189166
8	Impeller	189128	P07792	P07792	189128
5	Coupler Assembly	118705+	118705+	118705+	118705+
	Flange (1")	P00802	P00802	P00804	P00804
	Flange (1¼")	P03300	P03300	P06660	P06660
	Flange (1½")	P03410	P03410	P06690	P06690
	Flange Gasket Set	118373	118373	118373	118373
	Fastener Package with Flange Gaskets	P64940	P64940	P64940	P64940
6	Power Pack	111061	111061	111061	111061
22	Ring Motor Mount Set	118223	118223	118223	118223
5 & 22	Coupler & Ring Mount Set	118706	118706	118706	118706

2" MODELS MANUFACTURED AFTER JANUARY, 1976 ("AT" DATE CODE)

ITEM NO.	DESCRIPTION	2" NFI 102214	2" BI 102232	2" AB 102233	2" BNFI 102217
1	Body	189126	189126	189127	189127
	Body Capscrew (4 required)	P03470	P03470	P03470	P03470
4	Bearing Assembly	189165	189165	189165	189165
4 & 8	Bearing Assembly with Impeller	189166	N/A	N/A	189166
8	Impeller	189128	P07792	P07792	189128
5	Coupler Assembly	118705+	118705+	118705+	118705+
	Flange (2")	F14200	F14200	F54200	F54200
	Flange Gasket Set	118378	118378	118378	118378
	Fastener Package with Flange Gasket	P65031	P65031	P65030	P65030
6	Power Pack	111061	111061	111061	111061
22	Ring Motor Mount Set	118223	118223	118223	118223
5 & 22	Coupler & Ring Mount Set	118706	118706	118706	118706

BEARING ASSEMBLIES

ITEM NO.	DESCRIPTION	189165**	189166***
13	Bearing Bracket	P77139	P77139
2	Body Gasket	P04890	P04890
14	Front Bearing	P77308	P77308
15	Front Bearing Gasket	P80816	P80816
27	Impeller Key	P04940	P04940
	Impeller Gasket	NONE	P57000
9	Impeller Nut	P44200	P44200
12	Oil Well Cover	P81239	P81239
19	Oil Wick Set	118395	118395
11	Seal Kit*	118681	118681
21	Shaft & Sleeve	189035	189035
8	Impeller	NONE	189128

- Factory recommended spare part.

*For Built-To-Order pumps, see the seal selection chart on page 35.

**Use the same replacement parts for obsolete bearing assemblies 189120 or 189122.

***Use the same replacement parts for obsolete bearing assembly 189136.

+Cast iron type. For stamped steel, use 189110.

N/A - Not Available.

NOTE: Refer to page 3 for exploded view of typical circulator.

PARTS FOR OBSOLETE CIRCULATORS

MANUFACTURED BETWEEN JANUARY, 1951 & AUGUST, 1976

ITEM NO.	DESCRIPTION	JAN. 1951 - AUG. 1976, 1M-HT				JAN. 1951 - AUG. 1975, 1M-HR		
		1"	1-1/4"	1-1/2"	2"	1" HV	1-1/4" HV	1-1/2" HV
1	Body (Cast Iron or Brass)	All bodies are obsolete.						
	Body Capscrew (4 required)	P03470	P03470	P03470	P03470	P03470	P03470	P03470
4	Bearing Assemblies:							
4	For CI Models w/ Steel Impeller	189162	189162	189162	189163	189163	189163	189163
4	For CI Models w/ Brass Impeller	189162	189162	189162	189163	189163	189163	189163
4	For All Bronze Models	N/A	N/A	189163	189163	189163	189163	189163
8	Impeller (Steel)	118665	118666	118666	118668	118668	118668	118668
8	Impeller (Brass)	118434	118435*	118435*	118436	118436	118436	118436
5	Coupler Assembly	118705+	118705+	118705+	118705+	118705+	118705+	118705+
	Flange (Steel)	N/A	P03250	P03410	F14200	P00802	P03300	P03410
	Flange (Brass)	P00804	P06660	P06690	F54200	P00804	P06660	P06690
	Flange Gasket Set	118351	118368	118373	118065	118373	118373	118373
	Fastener Package w/ Flange Gaskets	P64230	P64910	P64930	F91600	P64930	P64930	P64930
6	Power Pack	111031**	111031**	111031**	111031**	111031**	111031**	111031**
22	Ring Motor Mount Set	118223	118223	118223	118223	118223	118223	118223

+Cast iron type. For stamped steel, use 189110.

*Used with iron body pump only. Use 118436 impeller with brass body pumps.

**115V only. For 230V, use 111033.

N/A - Not Available.

BEARING ASSEMBLIES

ITEM NO.	DESCRIPTION	189162 ¹	189163 ²
13	Bearing Bracket	P77106	P77106
2	Body Gasket	P04890	P04890
14	Front Bearing	P77308	P77309
15	Front Bearing Gasket	P80816	P80816
27	Impeller Key	P04940	P04940
	Impeller Gasket	P57000	P57000
9	Impeller Nut	P44200▲	P44200
12	Oil Well Cover	P81239	P81239
19	Oil Wick Set	118395	118395
11	Seal Kit▼	118681	118681
21	Shaft & Sleeve	189035	189035

- Factory recommended spare part.

¹ Use the same replacement parts for obsolete bearing assemblies 189100 and 189104.

² Replaces obsolete bearing assemblies 189101, 189102 & 189103.

▲On IB pumps, P04650 lockwasher and P04670 nut may be used.

▼For Built-To-Order pumps see the seal selection chart on page 35.

NOTE: Refer to page 3 for exploded view of typical circulator.

PARTS FOR OBSOLETE CIRCULATORS

MANUFACTURED BETWEEN :		FEB - SEPT 1976 BT-JT		APR - SEPT 1976 DT-JT	SEPT - DEC 1976 JT-MT		OCT 1975 - APR 1976 KR-DT
		1-1/2"			HV		
ITEM NO.	DESCRIPTION	IB 102033	BI 102034	AB 102036	IB 102308	BI 102309	AB 102311
1	Body (Cast Iron or Brass)	All bodies are obsolete.					
	Body Capscrew (4 required)	P03470	P03470	P03470	P03470	P03470	P03470
4	Bearing Assembly	189165	189165	N/A	N/A	N/A	N/A
8	Impeller	118666	118435	118436	118668	118436	118436
5	Coupler Assembly	118705+	118705+	118705+	118705+	118705+	118705+
	Flange (1")	-	-	-	P00802	P00802	P00804
	Flange (1¼")	-	-	-	P03300	P03300	P06660
	Flange (1½")	P03410	P03410	P06690	P03410	P03410	P06690
	Flange Gasket Set	118373	118373	118373	118373	118373	118373
	Fastener Package w/ Flange Gaskets	P64940	P64940	P64930	P64940	P64940	P64930
6	Power Pack	111061	111061	111061	111061	111061	111061
22	Ring Motor Mount Set	118223	118223	118223	118223	118223	118223
5 & 22	Coupler & Ring Mount Set	118706	118706	118706	118706	118706	118706

+Cast iron type. For stamped steel, use 189110.

N/A - Not Available.

BEARING ASSEMBLIES

ITEM NO.	DESCRIPTION	189165	HVIB (a)	HVBI (b)	1-1/2" AB & HVAB (c)
13	Bearing Bracket	P77139	P77139	P77139	P77139
2	Body Gasket	P04890	P04890	P04890	P04890
14	Front Bearing	P77308	P77309	P77309	P77309
15	Front Bearing Gasket	P80816	P80816	P80816	P80816
27	Impeller Key	P04940	P04940	P04940	P04940
	Impeller Gasket	P57000	NONE	NONE	P57000
9	Impeller Nut	P44200	J91702	J91702	P44200
12	Oil Well Cover	P81239	P81239	P81239	P81239
19	Oil Wick Set	118395	118395	118395	118395
11	Seal Kit*	118681	118681	118681	118681
21	Shaft & Sleeve	189035	189035	189035	189035

- Factory recommended spare part.

(a) Replacement parts for obsolete bearing assembly 189121.

(b) Replacement parts for obsolete bearing assembly 189129.

(c) Replacement parts for obsolete bearing assembly 189131.

*For Built-To-Order pumps, see the seal selection chart on page 35.

NOTE: Refer to page 3 for exploded view of typical circulator.