

MODEL WARREN IMPELLERS PH & PL

SIZE	pIN	WEIGHT	M&N LIST 31655	PATTERN MADE	M&N#
3PH14	657H0044			PM	83
4PH15	657H0006	38		PM	154
4PL15	657H0017	35		PM	101
6PH15	657H0011	38		PM	110
6PL15	657H0021	39		PM	111
6/5PH15	657H0008	38		PM	104
4PH12	657H0005	27		PM	85
4PL12	657H0046	26		PM	153
6/5PH12	657H0007	29		PM	102
6/5PL12	657H0002				103
6PH12	657H00I0	27		PM	108
6PL12	657H0047	30		PM	109
3/2PH14	657H0045	35		PM	65
6/5PL15	657H0019	37		PM	105
8PH154V	657D1520	57		PM	901
8PH153V	657H0548	42		PM	114
8PL15	657H0023	43		PM	115
IOPH15	657H0547	69		PM	119
IOPL154V	657H502	50		PM	120
IOPL153V	657H0598	59		PM	1167
12PL15	657F1169	144		PM	387
6PH18	65700599	72		PM	112
6PL18	657H0546	49		PM	113
6/5PH18	657H0009	62		PM	106
6/5PL18	657H0020	60		PM	107
8PH18	657F0549	49		PM	116
8PL18	657F0814	61		PM	117
IOPH18	657F0531	66		PM	121
IOPH185V	657 (1275	80		PM	258
IOPL18	657F0560	71		PM	122

MODEL WARREN IMPELLERS PH & PL

SIZE	PIN	WEIGHT	M&N LIST 31655	PATTERN MADE	M&N#
8PL22	657F0875	191		PM	118
10PL22	657F0874	211		PM	123
12PL22	657F0873	215		PM	125
8PH154V	657FL520	57		PM	901

MODEL WARREN IMPELLER NUTS & RINGS PH & PL

SIZE	PIN	WEIGHT	M&N LIST 316SS	PATTERN MADE	M&N#
10PH18 NUT	68400001B407A1	4		PM	1177
8PH18	68400001B407A1	4		PM	1177
8,10, & 12	PL22	10		PM	609

MODEL WARREN LINERS PH & PL

SIZE	pIN	WEIGHT	M&N LIST 31655	PATTERN MADE	M&N#
3PH14					
4PH15	682E0002	49		PM	128
4PI15	682E0002	49		PM	128
6PH15	682E0007	35		PM	138
6P115	682E0007	35		PM	138
6/5PH15	682E0004	42		PM	132
4PH12	682E0001	27		PM	126
4PI12	682E0001	27		PM	126
6/5PH12	682E0003	25		PM	130
6/5PI12	682E0003	25		PM	136
6PH12	682E0006	32		PM	136
3/2PH14					
6/5PI15	682E0004	42		PM	132
8PH15	682E0009	34		PM	142
8PI15	682E0009	34		PM	142
10PH15	682E0011	41		PM	146
10PI15	682E0011	41		PM	146
12PI15 CASE RING	65400239L			PM	1568
6PH18	682Q0008	63		PM	140
6P118	682Q0008	63		PM	140
6/5PH18	682Q0005	65		PM	134
6/5PI18	682Q0005	65		PM	134
8PH18	682Q0010	49		PM	144
8PI18	682Q0010	49		PM	144
IOPH18	682Q0012	42		PM	148
IOPI18	682Q0012	42		PM	148
10PI22 CASE RING	65400190			PM	924
8PI12 CASE RING	65400191L	24		PM	1570
12PI22	654H0189			PM	2301

MODEL WARREN BACKHEADS PH & PI

SIZE	pIN	WEIGHT	M&N LIST 316SS	PATTERN MADE	M&N#
3PH14	681Q0001	67		PM	755
4PH15	681Q0003	100		PM	442
4P115	681Q0006	97		PM	155
6PH15	681Q0003	100		PM	442
6P115	681Q0006	97		PM	155
6/5PH15	681Q0003	100		PM	442
4PH12	681Q0002	79		PM	754
4P112	681Q0002	79		PM	754
6/5PH12	681Q0002	79		PM	754
6/5P112	681Q0002	79		PM	754
6PH12	681Q0002	79		PM	754
6P112	681Q0002	79		PM	754
3/2PH14	681Q0001	67		PM	755
6/5P115	681Q0006	97		PM	155
8PH15	681Q0003	100		PM	442
8P115	681Q0006	97		PM	155
10PH15	681Q0003	100		PM	442
10P115	681Q0006	97		PM	155
12P115	681Q0003	100		PM	442
6PH18	681Q0004	148		PM	307
6P118	681Q0004	148		PM	307
6/5PH18	681Q0004	148		PM	307
6/5P118	681Q0004	148		PM	307
8PH18	681Q0005	152		PM	269
8P118	681Q0004	148		PM	307
10PH18	681Q0005	152		PM	269
10P118	681Q0004	148		PM	307
8P122	68100030	240		PM	162
10PL22	68100030	240		PM	162
12P122	68100030	240		PM	162

MODEL WARREN CASINGS PH & PL

SIZE	PIN	WEIGHT	M&N LIST 31655	PATTERN MADE	M&N#
3/2PH14					
3PH14					
4PL12	065100036			PM	1063
4PH12	065100002				4658
6/5PL12					
6/5PH12	0651004				4503
6PL12					
6PH12					
4PL15	065100014				4529
6/5PL15					
6PL15					
8PL15					4122
10PL15					
4PH15					4740
6/5PH15	065100151	385		PM	1566
6PH15	065100150			PM	1801
6/5PL18	065100006			PM	1863
6/5PH18	065100006			PM	1863
6PL18	065100009			PM	1864
6PH18	065100009			PM	1864
8PL18	06510011				4046
10PL18	065100013	724		PM	1337
8PH15					4122
10PH15					
12PL15	065100430	1164		PM	1567
8PH18	06510011				4046
10PH18	065100013	724		PM	1337
8PL22	065100349			PM	1569
10PL22	065100384	1125		PM	1824
12PL22					

MODEL WARREN CASE RINGS PH & PL

SIZE	PJN	WEIGHT	M&N LIST 31655	PATTERN MADE	M&N#
10PL22	WjCHUCK PAD			PM	924
12PL15				PM	1568
8PL22		24		PM	1570
12PL22 ROTOR #3	654H0189			PM	2301

MODEL WARREN SLEEVES PH & PL

SIZE	PIN	WEIGHT	M&N LIST 31655	PATTERN MADE	M&N#
3PH14					
4PH15					
4P115				PM	1405
6PH15				PM	1428
6P115				PM	1405
6/5PH15				PM	1428
4PH12				PM	1405
4P112				PM	1405
6/5PH12				PM	1405
6/5P112				PM	1405
6PH12				PM	1405
6P112				PM	1405
3/2PH14					
6/5P115 ROTOR #1	659E0002			PM	1405
8PH15				PM	1428
8P115				PM	1405
10PH15				PM	1428
10P115				PM	1405
12P115				PM	1428
6PH18	659E0003			PM	1428
6P118				PM	1428/1022
6/5PH18				PM	1428
6/5P118				PM	1428
8PH18					
8P118	659E0003			PM	1428
10PH185V					
10P118				PM	1428
8P122					

MODEL WARREN SHAFT PH & PL

SIZE	PIN	WEIGHT	M&N LIST 316SS	PATTERN MADE	M&N#
4PH15	656Q0003				815
6PH15	656Q0003				815
6/5PH15	656Q0003				815
8PH18 #3	656Q0127				759
8PL18 #2-A	656Q0004				757
10PL18 #2-A	656Q0004				757
8PL22 #3-A	656F0246				758
10PL22 #3-A	656F0246				758
10PL15	656Q0006				1399
SME15 SHAFT ROT.	#1 LENGTH 28-7/16"				1519
SME15 SHAFT ROT.	#1A LENGTH 29-3/16"				1520
6P118	SHAFT				1022

MODEL WARREN GLAND PH & PL

SIZE	PiN	WEIGHT	M&N LIST 31655	PATTERN MADE	M&N#
4PL12	ROTOR #1	8		PM	687
4PH15	ROTOR #2			PM	686
6PH15	ROTOR #2			PM	686
6/5PH15	ROTOR #2			PM	686
10PH18	ROTOR #3	11		PM	954
	SPLIT GLAND			PM	1012
	SPLIT GLAND			PM	1013

MODEL WARREN SLEEVES PH & PL

SIZE	<i>PIN</i>	WEIGHT	M&N LIST 316SS	PATIERN MADE	M&N#
10PL22					
12PL22					
6PL18 SLEEVE SHAFT	659E0003/659B0399			PM	1561
8PL18	659E003				1428
CAST IRON					
BEARING PEDESTAL					
15" ROTOR 1	068600001	150		PM	2758
15" ROTOR 2	06860003	197		PM	2759
18" ROTOR 2	068600004	245		PM	2757
ROTOR3A	06800019			PM	4422
22"	068600019	325		PM	5392
BEARING HOUSING					
ROTOR 2 & 2A	705E0038	42		PM	4788

MODEL WARREN IMPELLERS 747

SIZE	PIN	WEIGHT	M&N LIST 31655	PATTERN MADE	M&N#
747 A-10	7" 657LOO03	9		PM	1147
1X1.S-G AA-G-3/8	657LOO01	5		PM	2793
747 A-20	657LOO04	18		PM	855
747 A-30	13" 657LOO05	13		PM	856
747 A-40	13" 657LOO06	18		PM	858
747 A-50	10" 657LOO07	11		PM	1150
747 A-GO	10" 657LOO08	11		PM	859
747 A-70	10"			PM	1471
747 A-80		19		PM	1388

MODEL WARREN BACK HEADS 747

SIZE	PIN	WEIGHT	M&N LIST 316SS	PATTERN MADE	M&N#
747 A-10	7"	25		PM	1498
747 A-20	13" 068100064			PM	857
747 A-30	13"	56		PM	857
747 A-40	13"	56		PM	857
747 A-50	10" 681L0004	38		PM	860
747 A-60	10" 681L0004	38		PM	860
747 A-70	10" 681L0004	38		PM	860
747 A-80		56		PM	857

MODEL WARREN SHAFTS 747

SIZE	pIN	WEIGHT	M&N LIST 3IGSS	PATTERN MADE	M&N#
747 A-i0	7"				863
747 A-20	13" 656LOO02				863
747 A-30	13" 656LOO02				863
747 A-40	13" 656LOO02				863
747 A-50	10" 656LOO02				863
747 A-GO	10" 656LOO02				863
747 A-70	10" 656LOO02				863
747 A-80	10" 656LOO02				863

MODEL WARREN PUMP CASING 747

SIZE	PIN	WEIGHT	M&N LIST 31655	PATTERN MADE	M&N#
747 A-10	7"				
747 A-20	13" 3X1.5-13				3047
747 A-30	13" 3X2-13			PM	1014
747 A-40	13" 4X3-13			PM	1545
747 A-50	10"				
747 A-60	10" 2X3-10	91			861
747 A-70	10"				
747 A-SO	13" 651L0010			PM	4274

MODEL WARREN GLANDS 747

SIZE	PIN	WEIGHT	M&N LIST 31655	PATTERN MADE	M&N#
747 A-40	GROUP2	2		PM	1178

MODEL WARREN DrB IMPELLERS

SIZE	piN	WEIGHT	M&N LIST 31655	PATIERN MADE	M&N#
1.5-DTB-8 ROTOR 1					
2 DTB-8 ROTOR 1					
2.5-DTB-8 ROTOR 2					
3-DTB-8 ROTOR 2					
3-DTB-9 ROTOR 3					
4-DTB-9 ROTOR 3		25		PM	4836
4-DTB-10 ROTOR 3					
4-DTB-13 ROTOR 3	ENCLOSED 8V			PM	1426
5-DTB-II ROTOR 3					
5-DTB-IIH ROTOR 3					
4-DTB-16 ROTOR 4	657F1071				662
5-DTB-14 ROTOR 4	6571074	59		PM	945
5-DTB-17 ROTOR 4	657D1124E407 A 8V				1277
6-DTB-12 ROTOR 5	657H1037 7V DS	50		PM	1268
6-DTB-15 ROTOR 5	657H1034	82		PM	572
8-DTB-12 ROTOR 5	657FI032 7V 12.75"	83		PM	1346
6-DTB-19 ROTOR 6		88		PM	336
8-DTB-16 ROTOR 6					
10-DTB-13 ROTOR 7	657H1045	104		PM	679
10-DTB-16 ROTOR 7	657HI058	167		PM	1010
12-DTB-14 ROTOR 7	657H1045020A 8V			PM	1113
12-DTB-14H ROTOR 7	657HI057	157		PM	1334
12-DTB-14L ROTOR 7	657HI048C028	148		PM	1458
6-DTB-22	657F1214	207		PM	405
8-DTB-19 ROTOR 7					
6-DTB-IIH	6570165B	44		PM	4170

MODEL WARREN OrB CASINGS

SIZE	<i>pIN</i>	WEIGHT	M&N LIST 31655	PATTERN MADE	M&N#
1.5-DTB-8					
2-DTB-8					
2.5-DTB-8					
3-DTB-8					
3-DTB-9					
4-DTB-9					
4-DTB-10					
4-DTB-13					
5-DTB-II					
5-DTB-IIH					
4-DTB-16					
5-DTB-14					
5-DTB-17					
6-DTB-12					
6DTB-15					
8-DTB-12					
6-DTB-15					
8-DTB-12					
6-DTB-19					
8-DTB-16					
10-DTB-13					
10-DTB-16					
12-DTB-14					
12-DTB-14H					
12-DTB-14L					

MODEL WARREN DTB IMPELLER RINGS

SIZE	PIN	WEIGHT	M&N LIST 31655	PATTERN MADE	M&N#
1.5-DTB-8					
2-DTB-8					
2.5-DTB-8					
3-DTB-8					
3-DTB-9					
4-DTB-9	658E0273	3		PM	3290
4-DTB-10					
4-DTB-13	658E0274B407A1			PM	1468
5-DTB-II					
5-DTB-IIH					
4-DTB-16					
5-DTB-14				PM	1635
5-0TB-17					
6-DTB-12					
6-DTB-15	WEAR RING	5		PM	1064
8-DTB-12	65800278	9		PM	2952
6-DTB-19	658E0285 6V OS			PM	958
8-DTB-16					
10-0TB-13	658E0286	10		PM	927
10-0TB-16	658E0286	10		PM	927
12-DTB-14	658E0286			PM	1112
12-DTB-14H				PM	1407
12-DTB-14L					

MODEL WARREN DTB CASING RINGS

SIZE	PIN	WEIGHT	M&N LIST 31655	PATTERN MADE	M&N#
1.5-DTB-S					
2-DTB-S	654E0207B407A	3		PM	1125
2.5-DTB-S					
3-DTB-S					
3-DTB-9					
4-DTB-9	654E0206B407 A	6		PM	1103
4-DTB-10					
4-DTB-13				PM	1425
5-DTB-II	654E-002S	9		PM	946
5-DTB-IIH	654E-0028	9		PM	946
4-DTB-16	654Q0204	9		PM	663
5-DTB-14	654E-002S	9		PM	946
5-DTB-17	654E-0028	9		PM	946
6-DTB-12	654E-0059	10		PM	677
6-DTB-15	654E-0059	10		PM	677
S-DTB-12	6540034	15		PM	2953
6-DTB-19		10		PM	1342
S-DTB-16					
10-DTB-13	654E-202	13		PM	955
10-DTB-16	654E-202	13		PM	955
12-DTB-13	654E0202			PM	681
12-DTB-14	SPECIAL SEKAS			PM	3596
12-DTB-14	654Q0139	25		PM	1469
12-DTB-14H		20		PM	1357
12-DTB-14I	654-E0032-C090A			PM	1459

MODEL WARREN DTB SHAFTS

SIZE	pIN	WEIGHT	M&N LIST 31655	PATTERN MAOE	M&N#
1.5-0T8-8	ROTOR 1				
2-0T8-8	ROTOR 1				
2.5-0T8-8	ROTOR 2				
3-0T8-8	ROTOR 2				
3-0T8-9	ROTOR 3				
4-0T8-9	ROTOR 3				
4-0T8-10	ROTOR 3				
4-0T8-13	ROTOR 3				
5-0T8-11	ROTOR 3				
5-0T8-11H	ROTOR 3				
4-0T8-16	ROTOR 4				
5-0T8-14	656H0276 ROTOR 4				1529
5-0T8-17	ROTOR 4				
6-0T8-12	656H0269 ROTOR 5				1964
6-0T8-15	656H0269 ROTOR 5				19!4
8-0T8-12	656H0269 ROTOR 5				1964
6-0T8-19	ROTOR 6				
8-0T8-16	ROTOR 6				
8-0T8-19	ROTOR 7				
10-0T8-13	ROTOR 7				
10-0T8-16	ROTOR 7				
12-0T8-14	ROTOR 7				
12-0T8-14H	ROTOR 7				
12-0T8-14L	ROTOR 7				

MODEL WARREN DTB SHAFT SLEEVES

SIZE	PIN	WEIGHT	M&N LIST 31655	PATTERN MADE	M&N#
1.5-DTB-8					
2-DTB-8					
2.5-DTB-8					
3-DTB-8					
3-DTB-9					
4-DTB-9					
4-DTB-10					
4-DTB-13					
5-DTB-II					
5-DTB-IIH					
4-DTB-16					
5-DTB-14					
5-DTB-17					
6-DTB-12					
8-DTB-12					
6-DTB-15	NON-LOCKING			PM	1718
6-DTB-15	LOCKING			PM	1719
6-DTB-19					
8-DTB-16	659E0190			PM	1030
10-DTB-13					
10-DTB-16					
12-DTB-14					
12-DTB-14H					
12-DTB-14I					

MODEL WARREN DTB GLANDS

SIZE	PIN	, WEIGHT	M&N LIST 31655	PATTERN MAOE	M&N#
1.5-0TB-8	65500088 ROTOR 1				
2-0TB-8	ROTOR 1				
2.5-0TB-8	65500088 ROTOR 2				
3-0TB-8	ROTOR 2				
3-0TB-9	65500019 ROTOR 3	5		PM	1340
4-0TB-10	ROTOR 3				
5-0TB-11	65500019 ROTOR 3				
5-0TB-11H	65500019 ROTOR 3				
4-0TB-16	655EO012 ROTOR 4	5		PM	897
5-0TB-14	655EO012 ROTOR 4	5		PM	897
5-0TB-17	655EO012 ROTOR 4	5		PM	897
6-0TB-12	655EO012 ROTOR 5	5		PM	897
6-0TB-15	655EO012 ROTOR 5	5		PM	897
8-0TB-12	655EO012 ROTOR 5	5		PM	897
6-0TB-15	655E0012 ROTOR 5				
8-0TB-12	655EO012 ROTOR 5				
6-0TB-19	655EO013 ROTOR 6				
8-0TB-16	655E0013 ROTOR 6				
10-0TB-13	655E0013 ROTOR 7	6		PM	1779
10-0TB-16	655EO013 ROTOR 7	6		PM	1779
12-0TB-14	655E0013 ROTOR 7	6		PM	1779
12-0TB-14H	655EO013 ROTOR 7	6		PM	1779
12-0TB-14L	655EO013 ROTOR 7	6		PM	1779

MODEL WARREN DLB IMPELLERS

SIZE	PIN	WEIGHT	M&N LIST 31655	PATTERN MADE	M&N#
6-DIB-25	657F1214 ROTOR 1				
8-DIB-25	657F1215 ROTOR 1				
10-DIB-25	657F1213 ROTOR 1				
12-DIB-18	657F1211 ROTOR 2			PM	2144
14-DIB-16	657H1023 ROTOR 3	178		PM	218
14-DIB-16I	657F1031 ROTOR 3				
14-DIB-20	657H1051 ROTOR 2	291		PM	1170
14-DIB-20H	657F1025 ROTOR 2				
16-DIB-20	657F0096 ROTOR 4			PM	429
16-DIB-20I	657H0090 ROTOR 4				
16-DIB-20M	ROTOR 4				
16-DIB-20H	6570995 ROTOR 4	394		PM	647
16-DIB-20HH	65701399 ROTOR 4				
16-DIB-26	657F1029			PM	5928
16-DIB-32	65701244 ROTOR 6				
18-DIB-22	657F1020 ROTOR 4			PM	428
18-DIB-22I	657H0821 ROTOR4				
18-DIB-22M	65701623 ROTOR 4				
18-DIB-22H	657H0579 ROTOR 4	467		PM	1092
18-DIB-25	657H0579 ROTOR 4	467		PM	1092
20-DIB-22	657F1020 ROTOR 4			PM	428
20-DIB-22H	657H0579 ROTOR 4	467		PM	1092
20-DIB-25	657H0579 ROTOR 4	467		PM	1092
20-DIB-32	657HI027 ROTOR 7				
24-DIB-27	657F1026 ROTOR 8				
24-DIB-27I	65701340-1 ROTOR 8				2645 L & R
24-DIB-32	65701354				
30-DIB-31	657F1144				
36-DIB-38	65701584				
36-DIB-40	65701202				

MODEL WARREN DLB IMPELLER RINGS

SIZE	pIN	WEIGHT	M&N LIST 31655	PATTERN MADE	M&N#
6-DIB-2S	658E0286 ROTOR 1				
8-DIB-2S	658E0286 ROTOR 1				
10-DIB-2S	658E0287 ROTOR 1			PM	2145
12-DIB-18	658E0287 ROTOR 2			PM	2145
14-DIB-16	658E0184 ROTOR 3	10		PM	418
14-DIB-16I	658E0184 ROTOR 3	10		PM	418
14-DIB-20	658E0186 ROTOR 2	12		PM	1169
14-DIB-20H	658Q0186 ROTOR 2				
16-DIB-20	658E0185 ROTOR 4	16		PM	813
16-DIB-20I	658Q0183 ROTOR 4	19		PM	648
16-DIB-20M	658F0185 ROTOR 4	16		PM	813
16-DIB-20H	658Q0183 ROTOR 4	19		PM	648
16-DIB-20HH	658E0185 ROTOR 4	16		PM	813
16-DIB-26	658E0189 ROTOR 5				
16-DIB-32	65880324 ROTOR 6				
18-DIB-22	658E0183 ROTOR 4			PM	2475
18-DIB-22I	658E0182 ROTOR 4				
18-DIB-22M	658E0183 ROTOR 4			PM	2475
18-DIB-22H	658E0182 ROTOR 4			PM	2058
18-DIB-25	658E0182 ROTOR 4			PM	2058
20-DIB-22	658E0183 ROTOR 4			PM	2475
20-DIB-22H	658E0182 ROTOR 4			PM	2058
20-DIB-25	658E0182 ROTOR 4			PM	2058
20-DIB-32	658E0188 ROTOR 7				
24-DIB-27	658E0187 ROTOR 8				
24-DIB-27I	658E0187 ROTOR 8			PM	2646
24-DIB-32	658E0187 ROTOR 9				
30-DIB-31	658A0297 ROTOR 9				
36-DIB-38	65880341 ROTOR 10				
36-DIB-40	65880313 ROTOR 10				

MODEL WARREN DLB CASE RINGS

SIZE	<i>pIN</i>	WEIGHT	M&N LIST 31655	PATTERN MADE	M&N#
6-DLB-25	654E0202 ROTOR 1				
8-DLB-25	654E0202 ROTOR 1				
10-DLB-25	654E0032 ROTOR 1				
12-DLB-18	654E0032 ROTOR 2			PM	2146
14-DLB-16	654E0103 ROTOR 2	21		PM	417
14-DLB-16L	654E0103 ROTOR 3	21		PM	417
14-DLB-20	654E0192 ROTOR 3	27		PM	1406
14-DLB-20H	654E0192 ROTOR 2	27		PM	1406
16-DLB-20	654Q0196 ROTOR 2	68		PM	1072
16-DLB-20L	654Q0195 ROTOR 4	31		PM	676
16-DLB-20M	654Q0196 ROTOR 4	68		PM	1072
16-DLB-20H	654Q0195 ROTOR 4	31		PM	676
16-DLB-20HH	654Q0196	68		PM	1072
16-DLB-26	Q18863 ROTOR 4			PM	5929
16-DLB-32	654C0288 ROTOR 5				
18-DLB-22	654E0197 ROTOR 6	70			1026
18-DLB-22L	654E0198 ROTOR 4				
18-DLB-22M	654E0197 ROTOR 4	70			1026
18-DLB-22H	654E0198 ROTOR 4	39		PM	2059
18-DLB-25	654E0198 ROTOR 4	39		PM	2059
20-DLB-22	654E0197 ROTOR 4	70			1026
20-DLB-22H	654C0328 ROTOR 4				
20-DLB-25	654E0198 ROTOR 4	39		PM	2059
20-DLB-32	654E0200 ROTOR 7				
24-DLB-27	ROTOR 8				
24-DLB-27L	ROTOR 8			PM	2647
24-DLB-32	ROTOR 9				
30-DLB-31	654C0228 ROTOR 9				5508
36-DLB-38	ROTOR 10				
36-DLB-40	ROTOR 10				

MODEL WARREN DLB SHAFTS

SIZE	PIN	WEIGHT	M&N LIST 31655	PATIERN MADE	M&N#
6-DLB-2S	ROTOR 1				
8-DLB-2S	ROTOR 1				
10-DLB-2S	ROTOR 1				
12-DLB-18	ROTOR 2				
14-DLB-16	ROTOR 3				
14-DLB-16L	ROTOR 3				
14-DLB-20	656H0251 ROTOR 2				1804
14-DLB-20H	ROTOR 2				
16-DLB-20	ROTOR 4				
16-DLB-20L	ROTOR 4				
16-DLB-20M	ROTOR 4				
16-DLB-20H	ROTOR 4				
16-DLB-20HH	ROTOR 4				
16-DLB-26	ROTOR 5				
16-DLB-32	ROTOR 5				
18-DLB-22	ROTOR 4				
18-DLB-22L	ROTOR 4				
18-DLB-22M	ROTOR 4				
18-DLB-22H	ROTOR 4				
18-DLB-2S	ROTOR 4				
20-DLB-22	ROTOR 4				
20-DLB-22H	ROTOR 4				
20-DLB-2S	ROTOR 4				
20-DLB-32	ROTOR 7				
24-DLB-27	ROTOR 8				
24-DLB-27L	ROTOR 8				
24-DLB-32	ROTOR 9				
30-DLB-31					
36-DLB-38	ROTOR 10				
36-DLB-40	ROTOR 10				

MODEL WARREN DLB SHAFT SLEEVES

SIZE	PIN	WEIGHT	M&N LIST 31655	PATTERN MADE	M&N#
6-DIB-25	ROTOR 1				
8-DIB-2S	ROTOR 1				
10-DIB-2S	ROTOR 1				
12-DIB-18	ROTOR 2				
14-DIB-16	ROTOR 3			PM	1106 R & L
14-DIB-16I	ROTOR 3				
14-DIB-20	ROTOR 2				
14-DIB-20H	ROTOR 2				
16-DIB-20	ROTOR 4				
16-DIB-20I	ROTOR 4				
16-DIB-20M	ROTOR 4				
16-DIB-20H	ROTOR 4				
16-DIB-20HH	ROTOR 4				
16-DIB-26					
16-DIB-32	ROTOR 6				
18-DIB-22	ROTOR 4				
18-DIB-22I	ROTOR 4				
18-DIB-22M	ROTOR 4				
18-DIB-22H	ROTOR 4				
18-DIB-25	ROTOR 4				
20-DIB-22	ROTOR 4				
20-DIB-22H	ROTOR 4				
20-DIB-25	ROTOR 4				
20-DIB-32	ROTOR 7				
24-DIB-27	ROTOR 8				
24-DIB-27I	ROTOR 8				
24-DIB-32					
30-DIB-31	ROTOR 9				
36-DIB-38	ROTOR 10				
36-DIB-40	ROTOR 10				

MODEL WARREN DLB SHAFT SLEEVES

SIZE	PIN	WEIGHT	M&N LIST 316SS	PATIERN MADE	M&N#
6-DIB-ZS	ROTOR 1				
8-DIB-ZS	ROTOR 1				
10-DIB-ZS	ROTOR 1				
1Z-DIB-18	ROTOR 2				
14-DIB-16	655E0092 ROTOR 3	4		PM	1472
14-DIB-16I	655E0092 ROTOR 3	4		PM	1472
14-DIB-ZO	6550093B ROTOR 2			PM	2652
14-DIB-ZOH	ROTOR 2				
16-DIB-ZO	655Q0070 ROTOR 4	8		PM	533/1856
16-DIB-ZOI	655Q0070 ROTOR 4	8		PM	533/1856
16-DIB-ZOM	655Q0070 ROTOR 4	8		PM	533/1856
16-DIB-ZOH	655Q0070 ROTOR 4	8		PM	533/1856
16-DIB-ZOHH	655Q0070 ROTOR 4	8		PM	533/1856
16-DIB-Z6	ROTOR 5				
16-DIB-3Z	ROTOR 6				
18-DIB-ZZ	655Q0070 ROTOR 4	8		PM	533/1856
18-DIB-ZZI	655Q0070 ROTOR 4	8		PM	533/1856
18-DIB-ZZM	655Q0070 ROTOR 4	8		PM	533/1856
18-DIB-ZZH	655Q0070 ROTOR 4	8		PM	533/1856
18-DIB-ZS	655Q0070 ROTOR 4	8		PM	533/1856
ZO-DIB-ZZ	655Q0070 ROTOR 4	8		PM	533/1856
ZO-DIB-ZZH	655Q0070 ROTOR 4	8		PM	533/1856
ZO-DIB-ZS	655Q0070 ROTOR 4	8		PM	533/1856
ZO-DIB-3Z	ROTOR 7				
Z4-DIB-Z7	ROTOR 8				
Z4-DIB-Z7I	ROTOR 8				
Z4-DIB-3Z	ROTOR 9				
30-DIB-31	ROTOR 9				1857
36-DIB-38	ROTOR 10				
36-DIB-40	ROTOR 10				

MODEL WARREN 3202 IMPELLERS

SIZE	pIN	WEIGHT	M&N LIST 31655	PATTERN MADE	M&N#
FRAME 5					
6X3-13 3V	065701516	34		PM	2153
6X3-13 2V	065701552	25		PM	2334
6X4-13 4V	065701524	30		PM	2850
6X4-13 2V	06570154				2958
6X4-164V	65701589	54		PM	2779
6X4-163V	065701483			PM	2893
SX6-13	65701557	38		PM	1531
SX6-16	65701525	45		PM	2333
10XS-16	065701527	46		PM	2154
FRAME 7					
6X4-20					
SX-620					
10XS-20	065701534	82		PM	2155
12X10-161	065701540	60		PM	2801
12X10-16H	065701537				
12X10-20 4V	65701528			PM	2780
14X12-16	65701542B			PM	3499
14X12-20	065701526			PM	2800
14X14-16	065701539			PM	4432
FRAME 9					
14X14-22	065701521	184		PM	2556
16X16-22					
1SX1S-22	065701545			PM	2849
3X4-10	065701829				2959
4X3-13	65701832				3181

MODEL WARREN 3202 LINERS

SIZE	pIN	WEIGHT	M&N LIST 31655	PATTERN MADE	M&N#
6X3-13	868200127			PM	2180
6X4-13	868200128	31		PM	2181
6X4-16	886200124	54		PM	2183
6X4-20	868200149	87		PM	2179
8X6-13	868200063			PM	2182
8X6-16	868200129	50		PM	2184
8X6-20	868200135	79		PM	2188
10X8-16	868200131	55		PM	2185
10X8-20	868200133	73		PM	2189
12X10-16I	868200138			PM	2186
12X10-16H	868200136				
12X10-20	868200132			PM	2848
14X12-16	868200143	50		PM	2187
14X14-16	868200142				
14X12-20	868200130			PM	2495
14X14-22	868200126	116		PM	2555
16X16-22	868200140				
18X18-22	868200137			PM	2190

MODEL WARREN 3202 BACK HEADS

SIZE	<i>PIN</i>	WEIGHT	M&N LIST 31655	PATTERN MADE	M&N#
FRAME 3					
10"	068100285				4892
FRAME 5					
13"	068100086	111		PM	2156
16"	068100087	120		PM	2412
FRAME 7					
16"	068100089	139		PM	1508
20"	068100088	231		PM	2267
FRAME 9					
22"	068100092	269		PM	2612
CASINGS					
14X12-20	065100722B				2494

MODEL WARREN 3202 COMMON PARTS

SIZE	pIN	WEIGHT	M&N LIST 316SS	PATTERN MADE	M&N#
FRAME 5					
SHAFT	065600394/31655				2675
SHAFT	065600394/4140				2675
DEFLECTOR	066100186/31655				2157
SLEEVE	65900535			PM	2492
FRAME ADAPTER	0926000Z3A422A1				3358
FRAME 7					
SHAFT	06500398/31655				
SHAFT	06500398/4140				
DEFLECTOR	067000002/31655				
FRAME 9					
SHAFT	065600403/31655				
SHAFT	065600403/4140				
DEFLECTOR	067000003/31655				

MODEL WARREN SMa & SME IMPELLERS

SIZE	pIN	WEIGHT	M&N LIST 316SS	PATTERN MADE	M&N#
2-SMO-}.O	65701262				
3-SMO-10	065701260			PM	1530
4-SMO-10	065701263			PM	1892
3-SME-1S	065701168	44		PM	291
3-SMO-1S	065701167	33		PM	579
4-SME-1S	065701135				
4-SMO-1S	06570136	40		PM	1077
6-SME-1S	065701165				
6-SMO-1S	065701166	57		PM	990
8-SME-18	065701171				
8-SMO-18	065701170	80		PM	349
8-SMO-18	065701170	85		PM	299
SMO-1S	657-D-1168-407A	55		PM	263

MODEL WARREN SMa & SME CASINGS

SIZE	pIN	WEIGHT	M&N LIST 316SS	PATIERN MADE	M&N#
2-SMO-10				PM	4795
3-SMO-10					
4-SMO-10					
3-SME-1S	065100425	316		PM	1038
3-SMO-1S	065100425	316		PM	1038
4-SME-1S	065100414	323		PM	1794
4-SMO-1S	065100414	323		PM	1794
6-SME-1S					
6-SMO-1S					
8-SME-18	0651100431	671		PM	3092
8-SMO-18	0651100431	671		PM	3092

MODEL WARREN SMO & SME BACK HEADS

SIZE	piN	WEIGHT	M&N LIST 316SS	PATIERN MADE	M&N#
2-SMO-10					
3-SMO-10					
4-SMO-10					
3-SME-15	68100006	97		PM	155
3-SMO-15	68100006	97		PM	155
4-SME-15	68100006	97		PM	155
4-SMO-15	68100006	97		PM	155
6-SME-15	68100003	100		PM	442
6-SMO-15	68100003	100		PM	442
8-SME-18	68100004	148		PM	307
8-SMO-18	68100004	148		PM	307

MODEL WARREN MISCELLANEOUS

SIZE	PIN	WEIGHT	M&N LIST 316SS	PATTERN MAOE	M&N#
HEAT EXCHANGER	0810002E110A1				1657
125 HO	FLANGE COUPLING	22			1911
4-SMO-10	OPEN IMP. 8V 6571263			PM	1892
6-S00-19	OPEN IMP. 5V RH				1698
4-S00-16	OPEN IMP. 3V RH	54		PM	1677
10-OM-12	ENe. IMPELLER	107			1552
6-S00-15	OPEN IMP. 3V 657H1002				1138
5-08-17	ENe. IMP. 8V 657H301				1137
5-08-17	OPEN IMP. 3V				1136
4-S00-16.5	OPEN IMP. 3V				1135
4-S00-16.5	OPEN IMP. 3V				1133
8-08-14	ENe. IMP. 7V				1132
12-08-13	ENe. IMP 5V				1131
12-08-13	OPEN IMP. 4V				1128
8-S00-17	OPEN IMP. 4V 657H0900				1127
6-E-16	OPEN IMP. 6V 65701220				2294
8-S00-17	OPEN IMP. 3V			PM	2829
8-SMO/sME-18	CASING 065100431	671		PM	3092
33208X6-16	OPEN IMP. 065701571	82		PM	3091
8-S00-17	SLEEVE				2703
6-500-19	OPEN IMP. RH			PM	2641
8-500-19	SIDE PLATE DISCHARGE			PM	3088
3302 IMPELLER	065701565B	25		PM	2876
8-S00-17	SHAFT				2702
8-S00-17	OPEN IMP. LH	61		PM	2687
8-S00-17	SUCTION LINER			PM	2686
3302	IMPELLER			PM	2673
6-500-15	IMPELLER-65701245			PM	2324
6-E-16	1M PELLER-065701220				2294
6-S00-19	IMPELLER LH 3V				1134

MODEL WARREN MISCELLANEOUS

SIZE	PIN	WEIGHT	M&N LIST 31655	PATTERN MAOE	M&N#
120L18 IMPELLER	657H0802			PM	388
140B16	IMPELLER	190		PM	580
100L19	IMPELLER	159		PM	944
200B22 CASE RING	654E0197	70			1026
200L22 CASE RING	654E0197	70			1026
125 HO SLEEVE	063C0065RH	42		PM	701
125 HO SLEEVE	063C0067RH	36		PM	702
747 A40 GROUP 2	PACKING GLAND	2		PM	1178
6SM015 SHAFT SLV.	659C0440920001 ROT. 2				1331
3SM010	IMPELLER			PM	1530
100M12	IMPELLER				
650019	SUCTION PLATE	90		PM	1454
650019 LH ROTOR	OPEN IMPELLER			PM	1462
650019 BACK PLATE	21297A			PM	1476
650019	OPEN IMP. LH ROT. 3V			PM	1134-LH/1478-RH
10E24 CASE RING	065400280B407A			PM	1494
747-A20	STUFFING BOX COVER	25		PM	1498
3202 S.B.C. FR. 7	12X10-16-LH	139		PM	1508
3202 S.B.e. FR. 7	14X12-16, 14X14-16-RH	139		PM	1508
	IMPELLER NUT	10		PM	609
8-500-17	SUCTION LINER			PM	546/2686
SMO-15	OPEN IMP. 9V	55		PM	263
125 HO SLEEVE	PACKING GLAND			PM	2278
6-0M-14.5	ENe. IMP. DS 6V				2268
	TEE MANIFOLD				2228
	DISCHARGE MANIFOLD				2227
	SUe. MANIFOLD				2226
3102 4X3-16 ENe. IMP	DB-8058002 7V				2220
4-500-16	SUCTION LINER				2161
125 HO	REAR COUPLING CVR.			PM	

MODEL WARREN MISCELLANEOUS

SIZE	PIN	WEIGHT	M&N LIST 31655	PATTERN MADE	M&N#
125 HD	PUMP COUPLING HUB	65		PM	1912
125 HD	FLANGE			PM	1913
16DLB22	SPACER SLEEVE			PM	3008
18DLB22	SPACER SLV. 702Q0034			PM	2505
#2SMO	SLEEVE				1331
33208X6-16	BACKHEAD-068100121				
33024X4-10	BACKHEAD			PM	2875
33024X4-10	CASING 065100771AO			PM	2861
332016" LINER	068200144A80A1	63		PM	3171
3320 6X4-13 LINER	068200147	51		PM	2956