

**JOHN WEST INTERNATIONAL LIMITED, LIST OF SPARE PARTS FOR SALE**

<b>GRASSO RC412 COMPRESSOR SPARE PARTS</b>				
<b>S/N</b>	<b>DESCRIPTION</b>	<b>DIMENSION</b>	<b>PART NO.</b>	
1	FLAT WASHER	M16	11.13.801	
2	CYLINDER COVER	298.5P	05.31.997	
3	CYLINDER COVER	298.5P-13G	05.31.999	
4	GASKET	225X242X1.5	09.03.226	
5	STUD	M16X60	01.51.860	
6	STUD	M16X35	01.51.835	
7	RESTRICTION	NPTF13X0.5	01.23.020	
8	NON-RETURN VALVE	NPTF-18-Lx1.5	01.23.138	
9	STUD	M16X55	01.51.856	
10	O-RING	3.53X145	09.55.257	
11	SERVICE COVER	195X16	05.30.196	
12	HEXAGON HEAD BOLT	M12X35	01.10.635	
13	ALU SEALING RING	21X27X2	09.14.023	
14	PLUG	G21	01.36.216	
15	POCKET		03.85.333	
16	POCKET		03.85.335	
17	ALU SEALING RING	33X39X2	09.14.033	

18	HEXAGON NUT	G33	01.48.331	
19	HEXAGON HEAD BOLT	M6X20	01.10.320	
20	O-RING	2.5X52	09.52.256	
21	SIGHT GLASS	46X80	12.24.046	
22	ALU SEALING RING	13.5X20X1	09.12.014	
23	PLUG	G135	01.36.134	
24	STOP VALVE	TAH8-12	06.07.011	
25	NIPPLE COUPLING	12G21	03.38.211	
26	CONNECTING LINE	12X150	04.12.120	
27	NIPPLE COUPLING	12	03.36.012	
28	SWIVEL COUPLING	12G21	03.39.212	
29	BEARING COVER		21.38.812	
30	BEARING BUSH	90X96X103	11.46.291	
31	PLUG	G21-BZK	03.65.821	
32	O-RING	3.5X21.8	09.55.212	
33	BEARING BUSH SET		20.38.006	
34	BEARING BUSH	90X96X107A	11.46.195	
35	THRUST RING	RC12	11.42.012	
36	NIPPLE COUPLING	6G13	03.38.136	
37	STUD	M12X110	01.51.610	
38	DOWEL PIN	6X12	11.06.612	
39	OIL SUFFLE		19.26.200	
40	TOOTHED SPRING WASHER	M6	11.13.303	

41	HEXAGON HEAD BOLT	M6X16	11.10.316	
42	DOWEL PIN	4X8	11.06.408	
43	BEARING BLOCK	90M	11.69.901	
44	BEARING SHELL	90X81	11.44.900	
45	HEXAGON HEAD BOLT	M16X100	01.10.810	
46	DOWEL PIN	12X26	11.06.226	
47	O-RING	5.33X240.67	09.55.375	
48	LOCKING RING	M20	11.39.100	
49	HEXAGON HEAD BOLT	M20X60	01.10.160	
50	HEXAGON NUT	M16	01.15.810	
51	HOLD DOWN DISC	1495	11.25.249	
52	SOCKET HEAD SCREW	M10X40	01.04.540	
53	CRANKSHAFT	E-RC4125	22.39.400	
54	LOCKING SET	M16/13-STG.V.	11.39.800	
55	HEXAGON HEAD BOLT	M16X80	11.08.880	
56	SPACER ASSY.	90X116X605 M	11.12.990	
57	FITTED BOLT	M8X10X10	01.24.410	
58	LOCKING NUT	M8	01.45.400	
59	KEY	22X14X120	11.02.012	
60	HUB FIXING	M24X108	19.15.211	
61	LOCKING PLATE	M24XM12	11.14.248	
62	FLAT WASHER	M12	11.13.601	
63	PISTON ASSY.	S160X50X160	24.17.011	

64	GUDGEON PIN	36X50X14RC11	24.18.320	
65	LOCKING PLATE	M125	11.14.642	
66	LOCKING BOLT	M12X35	01.44.635	
67	SET OF PISTON RINGS		09.74.160	
68	CONNECTING ROD	S275RC11LD	24.19.510	
69	BEARING BUSH	50X62X60	11.46.652	
70	CONNECTING ROD	S275RC11HD	24.19.520	
71	NEEDLE BEARING	NK50/25	11.63.451	
72	DISTANCE BUSH	52X62X10	11.16.562	
73	BEARING SHELL	90X53	11.44.590	
74	CONNECTING ROD BOLT	MF16	01.11.810	
75	HEXAGON NUT	MF16	01.47.805	
76	CYLINDER LINER ASSY.	160RC125	23.39.110	
77	CYLINDER LINER	160RC11	23.18.010	
78	HEXAGON NUT	M6	01.15.310	
79	PRESSURE RING	RC125	27.38.515	
80	PRESSURE SPRING	2X10X23X95	11.31.295	
81	SUPPORTING RING	160K110	27.16.570	
82	SPRING WIRE	0.75X3.1	11.32.081	
83	CYLINDER HEAD SCREW	M16X133	01.68.313	
84	SEMI CIRCULAR LEVER	K110	27.16.610	
85	SLIPT PIN	1.5X10	11.08.010	
86	LOCKING PIN	6X55	11.07.355	

87	WASHER	M6	11.13.301	
88	OILIT SEALING RING	207X216X1	09.02.206	
89	OILIT SEALING RING	207X216X1.25	09.01.206	
90	OILIT SEALING RING	207X216X1.5	09.03.206	
91	CONTROL PISTON SET	RC12E	20.38.134	
92	O-RING	3.53X59	09.52.376	
93	O-RING	3.5X44	09.52.350	
94	FLAT WASHER	M10	11.13.501	
95	HEXAGON HEAD BOLT	M10X75	01.10.575	
96	PISTON HOUSING	RC12	27.38.650	
97	ALU SEALING RING	27X34X1	09.12.027	
98	NIPPLE	G27X14	03.04.514	
99	PRESSURE SPRING	18X88X2.4,115	11.31.181	
100	RETAINER SPRING	160RC12-1	27.38.410	
101	DISCHARGE ASSY.	160RC11E	27.19.111	
102	LOCKING NUT	M16	01.45.800	
103	STROKE LIMITOR	160RC11A	27.18.360	
104	SINUSODAL SPRING	58X69	11.33.158	
105	SINUSODAL SPRING	76X87	11.33.176	
106	SINUSODAL SPRING	94X105	11.33.194	
107	VALVE PLATE	160RC11	27.18.265	
108	FITTED BOLT	M16X62-15	01.24.863	
109	SHAFT SEAL HOUSING	RC12	26.38.012	

110	SHAFT SEAL SET ASSY.	085B	20.38.100	
111	O-RING	101,1X3.53	09.52.390	
112	O-RING	84.95X4.0	09.52.340	
113	NIPPLE COUPLING	12G13	03.38.131	
114	BENT STEEL PRECISION TUBE	12X530	44.05.012	
115	OIL PUMP SET	RC12	20.38.116	
116	OIL PUMP HOUSING	RC12	26.38.520	
117	PUMP ELEMENT		26.38.130	
118	CARRIER DISC	55X8	11.25.006	
119	DOWEL PIN	6X18X3	11.06.617	
120	GASKET	83X115X0.5	09.03.083	
121	CONTROL OIL PRESSURE REGULATOR SET		20.38.120	
122	ALU SEALING RING	10X18X1	09.12.010	
123	CONTROL OIL PRESSURE REGULATOR SET		20.38.118	
124	T-COUPLING	6X6X6	03.40.406	
125	SOCKET NIPPLE	G13XG21	03.02.213	
126	ADAPTOR FOR MEASUREMENT		06.45.606	
127	SET OF SEALS		09.90.030	
128	SUCTION OIL FILTER SET BLUE MARKED	24	20.38.128	
129	DISCHARGE OIL FILTER SET GREY MARKED	24	20.38.124	
130	HIGH CAPACITY OIL FILTER GREY MARED	24	20.38.125	
131	HEXAGON HEAD BOLT	M10X80	01.10.581	
132	O-RING	2.65X25	09.52.281	

133	O-RING	2.5X10	09.52.252	
134	OIL CONNECTING LINE	22X2X535	04.12.253	
135	OIL CONNECTING LINE	22X2X865	04.12.286	
136	OIL CONNECTING LINE	22X2X925	04.12.292	
137	OIL CONNECTING LINE	22X2X1315	04.12.213	
138	OIL CONNECTING LINE	22X2X1705	04.12.217	
139	BENDED STEEL PRECISION PIPE	22X35X320	04.38.290	
140	NIPPLE COUPLING	22G22X1	03.38.273	
141	CONNECTING LINE	22X2X32	04.12.232	
142	SUCTION GAS FILTER SET	RC12-2000	20.38.130	
143	OILIT SEALING RING	170X230X1.5	09.03.168	
144	SUCTION GAS FILTER SET	RC12-3000	20.38.131	
145	OILIT SEALING RING	195X255X1.5	09.03.195	
146	O-RING	2.65X13.95	09.52.269	
147	CIRCLIP RING	14	11.03.014	
148	SUCTION HOUSING COVER	236X118	05.30.240	
149	SUCTION HOUSING COVER	236X74.5	05.30.239	
150	SUCTION HOUSING COVER	236	05.30.241	
151	SUCTION HOUSING	260X118	05.30.263	
152	SUCTION HOUSING	260	05.30.262	
153	SPRING RETAINER	14.5X45	48.36.015	
154	PRESSURE SPRING	6X40X2.7X42	11.31.601	
155	HEXAGON HEAD BOLT	M16X40	01.85.840	

156	HEXAGON HEAD BOLT	M16X45	01.85.845	
157	VALVE GROUP	48	48.27.048	
158	RELIEF VALVE -PRESSURE DEPENDENT	(14.0 BAR)	28.39.814	
159	RELIEF VALVE - PRESSURE DEPENDENT	(22 BAR) RC12E-22	28.39.822	
160	RELIEF VALVE - PRESSURE INDEPENDENT	(23.0 BAR) RC12E-22	28.39.823	
161	RELIEF VALVE HOUSING	48	12.49.212	
162	O-RING	3.53X66.27	09.55.231	
163	RELIEF VALVE ASSY.		48.27.423	
164	HEXAGON HEAD BOLT	M12X45	01.10.645	
165	HEXAGON HEAD BOLT	M12X95	01.10.696	
166	HEXAGON HEAD BOLT	M12X110	01.10.609	
167	HEXAGON HEAD BOLT	M12X120	01.10.612	
168	HEX. HEAD BOLT	M12X40B	01.10.641	
169	BLIND FLANGE	90X102	05.04.890	
170	GASKET	106X120X2	09.04.106	
171	GASKET	129X149X2	09.04.129	
172	GASKET	155X175X2	09.04.155	
173	GASKET	95X109X2	09.04.095	
174	GASKET	61X75X2	09.04.061	
175	GASKET	73X87X2	09.04.073	
176	BASIC GASKET/O-RING SET		20.38.017	
177	ADDITIONAL GASKET /O-RING SET	RC12€	20.38.018	
178	SET OF SPARE PARTS		20.38.021	



179	SUCTION RING & SPRING SET		20.38.032	
180	DISCHARGE RING & SPRING SET		20.38.031	
181	SET OF TOOLS		20.38.010	
182	HEXAGON HEAD BOLT	M10X30	01.10.530	
183	HEXAGON NUT (ZINCE PLATED)	M10	01.15.510	
184	SOCKET HEAD SCREW	6G10	01.04.208	
185	NIPPLE COUPLING	6G10	03.38.106	
186	THREE WAY SOLENOID VALVE	220HB	06.80.420	
187	VALVE COIL	110-120/50-60	13.16.311	
188	VALVE COIL	220-240/50-60	13.16.322	
189	CONNECTOR	220/240V AC, DIN INCL.LED	13.16.611	
190	CONNECTOR	24/48 V AC/DC, DIN INCL. LED	13.16.615	
191	SOCKET COUPLING	6G10	03.37.106	
192	ANGLE COUPLING	EV6X6	03.52.006	
193	TEE COUPLING	EV6X6X6	03.54.006	
194	T-COUPLING	E6X6X6	03.40.306	
195	PRESSURE GAUGE	NH3-P100	12.10.113	
196	PRESSURE GAUGE	R-P-100	12.12.113	
197	PRESSURE GAUGE	R-P-100	12.12.114	
198	PRESSURE GAUGE	R-P-100	12.12.115	
199	PRESSURE GAUGE	NH3-Z-100	12.01.114	
200	PRESSURE GAUGE	R-Z-100	12.12.116	

201	PRESSURE GAUGE	R-Z-100	12.12.117	
202	PRESSURE GAUGE	R-Z-100	12.12.118	
203	PRESSURE GAUGE	R-O-100	12.15.114	
204	STOP VALVE	TAH4C	06.07.007	
205	ALU SEALING RING	605X11X1	09.12.007	
206	UNION SOCKET	G21RXG21L	03.29.921	
207	HEXAGON NUT	MF12	04.47.605	
208	UNION NUT	MF12X1.5	03.51.006	
209	SPACER	30X20X18	11.12.318	
210	HEXAGON HEAD BOLT	M10X40	01.10.540	
211	HEXAGON HEAD BOLT	M6X45	01.10.345	
212	HEXAGON NUT	M5	01.15.309	
213	HEXAGON HEAD BOLT	M10X70	01.10.570	
214	GROMMET	2X13	09.24.213	
215	CYLINDER HEAD SCREW	M4X50	01.68.250	
216	HEXAGON NUT	M4	01.15.211	
217	LOCK WASHER	M4	00.13.203	
218	PRESSOSTAT	RT6AB	12.60.152	
219	PRESSURE SAFETY SWITCH	RT1A	12.60.121	
220	PRESSURE SAFETY SWITCH	MP55A	12.60.232	
221	PRESSURE SAFETY SWITCH	RT260A	12.60.240	
222	ALU SEALING RING	8X14.5X1	09.12.008	
223	SOCKET COUPLING	6G17	03.37.176	

224	SOCKET NIPPLE	6F6	03.37.906	
225	CLAMPING SLEEVE	S6	03.34.106	
226	T-COUPLING	S6X6X6	03.40.006	
GRASSO RC411 REFRIGERATION COMPRESSOR SPARE PARTS				
S/N	DESCRIPTION	DIMENSION	PART NO.	
227	COVER	296P	05.31.996	
228	CYLINDER COVER	296p-G13	05.31.998	
229	CYLINDER COVER	556X296K110	23.17.500	
230	CYLINDER COVER	556X296K110.G13	23.17.510	
231	GASKET	227X241X1.5	09.03.227	
232	GASKET	213X542X1.5	09.07.213	
233	STUD	M16X35	01.51.835	
234	STUD	M16X60	01.51.860	
235	PLUG	T13	03.65.013	
236	NON RETURN VALVE	5	06.27.505	
237	SERVICE COVER	260	05.31.260	
238	BLIND FLANGE	60BA	05.05.960	
239	HEX. HEAD BOLT	M16X35	01.10.835	
240	GASKET	50X65X1.5	09.03.050	
241	SIGHT GLASS	65X15	12.26.065	
242	SIGHT GLASS FLANGE	65	05.16.065	
243	HEXAGON HEAD BOLT	M8X30	01.10.430	
244	ALU SEALING RING	10X181	09X12X010	

245	SOCKET COUPLING	6G21	03.37.216	
246	VALVE COVER	28X44	48.13.032	
247	VALVE COVER	28X30	48.13.031	
248	HEXAGON HEAD BOLT	M10X60	01.10.560	
249	HEXAGON HEAD BOLT	M10X55	01.10.555	
250	HEXAGON HEAD BOLT	M10X40	01.10.540	
251	VALVE SET	RC11.R-NH3	48.27.523	
252	VALVE GUIDE	29M10	48.40.629	
253	TEFLON RING	10X38X3	09.42.380	
254	SPRING CUP	22	48.65.022	
255	LOCKING NUT (ZINC PLATED)	M10	01.45.500	
256	PRESSURE SPRING	7.5X37X9.5X129	11.31.757	
257	ADJUSTMENT RING	28X34X1	11.15.271	
258	GASKET	77X87X1.5	09.03.077	
259	VALVE HOUSING		48.02.256	
260	VALVE ASSY.	12 BAR LP	48.27.513	
261	VALVE ASSY.	21 BAR HP	48.27.521	
262	BEARING COVER	RC11C	21.18.822	
263	BEARING BUSH	90X96X103	11.46.291	
264	STUD	M12X95	01.51.695	
265	BEARING COVER	K110M	21.16.821	
266	DOWEL PIN	4X8	11.06.408	
267	BEARING BUSH	90X96X107	11.46.191	

268	STUD	M12X130	01.51.616	
269	BEARING BLOCK	90M	11.69.901	
267	BEARING SHELL	90X81	11.44.900	
268	HEXAGON HEAD BOLT	M16X100	01.10.810	
269	DOWEL PIN	12X26	11.06.226	
270	BRONZE THRUST RING	96X127X16	11.68.970	
271	GASKET	252X265X1.5	09.03.252	
272	GASKET	252X265X1.5	09.02.252	
273	LOCKING PLATE	M20X49	11.13.149	
274	LOCKING PLATE	M20S	11.14.142	
275	HEXAGON HEAD BOLT	M20X60	01.10.160	
276	CRANKSHAFT	E-RC411S	22.19.402	
277	LOCKING PLATE	2M16	11.14.840	
278	HEXAGON HEAD BOLT	M16X80	01.10.880	
279	CARRIER DISC	65X11	11.25.111	
280	LOCKING BOLT	M6X16	01.65.316	
281	DOWEL PIN	6X10	11.06.610	
282	STEEL THRUST RING	100X128X10	11.68.109	
283	SPACER ASSY.	90X116X60SM	11.12.990	
284	FITTED BOLT	M8X10X10	01.24.410	
285	LOCKING NUT	M8	01.45.400	
286	KEY	22X14X120	11.02.012	
287	HUB FIXING	M24X108	19.15.211	

288	LOCKING PLATE	M24XM12	11.14.248	
289	HEXAGON HEAD BOLT	M12X40	01.10.640	
290	PISTON ASSY.	S160X50X160 K110M	24.17.011	
291	GUDGEON PIN	36X50X148RC11	24.18.320	
292	LOCKING PLATE	M125	11.14.642	
293	LOCKING BOLT	M12X35	01.14.635	
294	SET OF PISTON RINGS		09.74.160	
295	CONNECTING ROD	S275RC11LD	24.19.510	
296	CONNECTING ROD	S275RC11HD	24.19.520	
297	BEARING BUSH	50X62X60	11.46.652	
298	NEEDLE BEARING	NK50/25	11.63.451	
299	DISTANCE BUSH	52X62X10	11.16.562	
300	BEARING SHELL	90X53	11.44.590	
201	CONNECTING ROD BOLT	MF16	01.11.180	
202	LOCKING RING SET	M16/13-ST-G.V	11.39.800	
203	HEXAGON NUT	MF16	01.47.805	
204	CYLINDER LINER ASSY.	160RC115	23.19.110	
205	CYLINDER LINER	160RC11	23.18.010	
206	PRESSURE RING	160XD110	27.16.510	
207	PRESSURE SPRING	2X1027X110	11.31.209	
208	SUPPORTING RING	160K110	27.16.570	
209	SPRING WIRE	0.7X3.1	11.32.081	

210	CYLINDER HEAD SREW	M6X140	01.68.314	
211	SEMI CIRCULAR LEVER	K110	27.16.610	
212	LOCKING PIN	6X55	11.07.355	
213	SPLINT PIN	1.5X10	11.08.010	
214	WASHER	M6	11.13.301	
215	OILIT SEALING RING	207X216X1	09.02.206	
216	OILIT SEALING RING	207X216X1.25	09.01.206	
217	OILIT SEALING RING	207X216X1.5	09.03.206	
218	HEXAGON HEAD BOLT	M10X70	01.10.570	
219	PRESSURE SPRING	3.2X25X3.5X42.5	11.31.325	
220	CONTROL PISTON	RC11	27.18.670	
221	PISTON HOUSE VALVE LIFTING	K110	27.16.650	
222	PRESSURE SPRING	18X88X2.4X115	11.31.181	
223	SPRING CUP	160RC11	27.18.410	
224	DISCHARGE VALVE ASSY.	160RC11E	27.19.111	
225	LOCKING NUT	M16	01.45.800	
226	STROKE LOMITOR	160RC11A	27.18.360	
227	VALVE PLATE	160RC11	27.18.265	
228	FITTED BOLT	M16X62.15	01.24.863	
229	DISCHARGGE RING & SPRING SET		20.38.031	
230	SUCTION RING & SPRING SET		20.38.033	
231	SHAFT SEAL HOUSING	FA110	26.08.200	
232	NIPPLE COUPLING	16G21	03.38.212	

233	SHAFT SEAL SET ASSY	085-B	09.62.920	
234	O-RING	101.1X3.53	09.52.390	
235	O-RING	84.95X4.0	09.52.340	
236	NIPPLE COUPLING	12G13	03.38.131	
238	WELDED BEND	12X1.5	04.02.212	
239	GEAR PUMP	RC11	18.10.185	
240	GEAR PUMP	RC11	18.10.180	
241	PUMP HOUSING	RC11A	26.18.510	
242	PUMP HOUSING	RC11	26.18.500	
243	GEAR WHEEL	4X9 D18	19.37.809	
244	GEAR WHEEL	4X9 D18	19.37.859	
245	BEARING BUSH	18X24X61	11.46.718	
246	O-RING	5.33X146.1	09.52.544	
247	PUMP COVER	RC11	26.18.600	
248	HEXAGON HEAD BOLT	M6X20	01.10.320	
249	CONTROL PLUNGER	12RC11A	26.08.915	
250	CONTROL PLUNGER	B FA110M	26.08.911	
251	CONTROL PISTON	24K110M	26.16.821	
252	VALVE PLUNGER	10K110M	26.16.801	
253	PISTON ASSY.	30K110	26.17.830	
254	PISTON ASSY.	30K110G	26.17.835	
255	PRESSURE SPRING	1.1X15X15X97	11.31.117	
256	ALU SEALING RING	34X44X1	09.12.034	



257	O-RING	3X33	09.52.300	
258	PLUG	G33	01.36.336	
259	CONTROL PISTON	14K110M	26.16.811	
260	PRESSURE SPRING	2.1X11.3X13.5X70. 5	11.31.222	
261	ALU SEALING RING	17X21X1	09.12.016	
262	PLUG	G17	01.36.176	
263	ALU SEALING RING	13.5X20X1	09.12.014	
264	PLUG	G135	01.36.134	
265	NIPPLE COUPLING	G613	03.38.136	
266	HEXAGON HEAD BOLT	M6X10	01.10.310	
267	T-COUPLING	E6X6X6	03.40.306	
268	SOLID CLAMPLING SLEEVE INCL. O-RING	P6	03.34.596	
269	O-RING	3X150	09.52.311	
270	OIL SUCTION FILTER ASSY.	290X250	44.05.621	
271	ALU SEALING RING	10X18X1	09.12.010	
272	UNION SOCKET	G21RXG21L	03.29.010	
273	STOP VALVE	TAH8	06.07.013	
274	CAP NUT	GK21R	01.17.021	
275	PLUG	G21	01.36.216	
276	ALU SEALING RING	21.5X27X1	09.12.022	
277	GAUZE STRAINER ELEMENT	1700X60	07.16.354	
278	PRESSURE SPRING	2X29X3X32	11.31.219	
279	HEXAGON NUT	M12	01.56.610	

280	PAPER FILTER	22G27	07.11.023	
281	NIPPLE	G27XG30	03.04.130	
282	HEXAGON HEAD BOLT	M12X50	01.10.650	
283	GASKET	117X127X1.5	09.03.118	
284	O-RING	3.5X26	09.52.354	
285	PAPER FILTER SET	1700X15	07.11.920	
286	LOCKING DISC	M24X38	11.13.738	
287	PRESSURE SPRING	2X29X3X32	11.13.219	
288	SNAP RING	18	11.04.018	
289	FLAT WASHER	M8	11.13.401	
290	PRESSURE SPRING	1.25X14X9X35.5	11.31.134	
291	BEAMING BALL	W14	11.19.009	
292	HEXAGON NUT	M12	01.15.610	
293	ALU SEALING RING	21X27X2	09.14.023	
294	WELDABLE COUPLING	16X21	03.35.016	
295	WELDABLE COUPLING	6X11	03.35.006	
296	GASKET	124X13X1.5	09.03.124	
297	GASKET	180X196X1.5	09.03.180	
298	COVER	185	05.30.185	
299	COVER	260	05.31.261	
300	HEXAGON HEAD BOLT	M12X40	01.85.640	
301	HEXAGON HEAD BOLT	M16X40	01.10.840	
302	STRAINER ELEMENT	1700X110	07.16.170	

303	STRAINER ELEMENT	3200X110	07.16.320	
304	COVER	185P	05.30.995	
305	COVER	260P	05.31.961	
306	FLAT WASHER	M12	11.13.601	
307	PRESSURE SPRING	6X40X2.7X42	11.31.601	
308	HEXAGON NUT	M16	01.15.810	
309	HEXAGON NUT	M20	01.15.110	
310	HEXAGON HEAD BOLT	M16X60	01.10.860	
311	HEXAGON HEAD BOLT	M20X70	01.10.170	
312	GASKET	117X131X1.5	09.03.117	
313	GASKET	143X161X1.5	09.03.143	
314	GASKET	169X187X1.5	09.03.169	
315	GASKET	67X81X1.5	09.03.067	
316	GASKET	98X112X1.5	09.03.098	
317	GASKET	84X98X1.5	09.03.084	
318	PRESSURE GAUZE	NH3-P-100	12.10.113	
319	PRESSURE GAUZE	R-P-100	12.12.114	
320	PRESSURE GAUZE	R-P-100	12.12.110	
321	PRESSURE GAUZE	NH3-Z-100	12.10.114	
322	PRESSURE GAUZE	R-Z-100	12.12.117	
323	PRESSURE GAUZE	R-Z-100	12.12.116	
324	PRESSURE GAUZE	R-O-100	12.15.114	
325	STOP VALVE	TAH4C	06.07.007	

326	ALU SEALING RING	6.5X11X1	09.12.007	
327	UNION SOCKET	G21RXG21L	03.29.921	
328	HEXAGON NUT	MF12	01.47.605	
329	UNION NUT	MF12X1.5	03.51.006	
330	HEXAGON NUT (ZINCE PLATED)	M10	01.15.510	
331	HEXAGON HEAD BOLT	M10X20	01.10.520	
332	HEXAGON HEAD BOLT	M6X45	01.10.345	
333	HEXAGON NUT	M6	01.15.310	
334	PRESSURE SAFETY SWITCH	RT6AB	12.01.152	
335	PRESSURE SAFETY SWITCH	RT6AB	12.60.152	
336	PRESSURE SAFETY SWITCH	RT1A	12.60.121	
337	PRESSURE SAFETY SWITCH	MP55A	12.60.232	
338	PRESSURE SAFETY SWITCH	RT260A	12.60.240	
339	T-COUPLING	S6X6X6	03.40.006	
340	SET OF TOOLS	RC11	20.18.010	
341	SET OF SPARE PARTS		20.18.021	
342	SET OF ADD. SPARE PARTS		20.18.031	
343	SET OF SPARE PARTS		20.18.041	
345	GASKET SET		09.90.012	
346	ADDITIONAL SET OF GASKETS		09.90.013	
347	GASKET SETS		09.90.014	
348	CLAMPLING SLEEVE P6		03.34.506	
349	CLAMPLING SLEEVE P16		03.34.516	

350	CLAMPLING SLEEVE P22		03.34.522	
351	CLAMPLING SLEEVE S6		03.34.106	
352	BEARING BUSH (90X96X105)		11.46.290	
353	BEARING SHELL (90X81)		11.44.890	
354	BEARING BUSH (90X96X107)		11.46.195	
355	BEARING BUSH (50X58)		11.46.650	
356	PISTON ASSY. (S160X50X160KIIOM)		24.17.011	
357	BEARING SHELL		11.44.590	
358	O-RING		09.52.376	
359	O-RING (3.5X44)		09.52.350	
360	CYLINDER LINER (160RC11)		23.18.010	
361	DISCHARGE RING & SPRING SET		20.38.031	
362	SUCTION RING & SPRING SET		20.38.032	
363	SHAFT SEAL (85MO)		09.62.086	
364	O-RING (7.5X95)		09.52.756	
365	O-RING (7.0X85)		09.52.704	
366	CON-ROD ASSY (S90X275FA110)		24.08.500	

**GRASSO RC6210 REFRIGERATION COMPRESSOR SPARE PARTS**

	DESCRIPTION	DIMENSION	PART NO.	
367	CYLINDER COVER	GRASSO10-2	23.90.541	
368	CYLINDER COVER	GRASSO 10-3+	23.90.546	
369	CYLINDER COVER	10-2LP/HP	23.90.551	

370	CYLINDER COVER	10-2LP/HP	23.90.556	
371	CYLINDER COVER	10-3	23.90.521	
372	CYLINDER COVER	10-2+	23.90.526	
373	CYLINDER COVER	10-1LP/1HP	23.90.531	
374	CYLINDER COVER	10-1LP/1HP+	23.90.536	
375	GASKET	10-LP	09.07.241	
376	GASKET	10-HP	09.07.246	
377	GASKET	10-LP	09.07.251	
378	GASKET	10-HP	09.07.256	
379	STUD	M16X60	01.51.860	
380	NON-RETURN VALVE NPTF 18-1X1.5	NPTF-18-LX1.5	01.23.138	
381	RESTRICTION	NPTF13XX0.5	01.23.020	
382	STUD	M16X55	01.51.856	
383	STUD	M16X35	01.51.835	
384	GASKET	194X344X1.5	09.07.098	
385	GASKET	194X524X1.5	09.07.099	
386	SERVICE COVER	10-2	21.90.180	
387	SERVICE COVER	10-3	21.90.185	
388	OIL CONNECTING LINE	22X2X613.5	04.12.261	
389	OIL CONNECTING LINE	22X2X793.5	04.12.279	
390	OIL CONNECTING LINE	22X2X1143.5	04.12.242	
391	OIL SUCTION LINE	22.2X793.5	04.38.335	
392	PLUG	G21	01.36.216	

393	ALU SEALING RING	13.5X20X1	09.12.014	
394	NUT	G1*	01.23.033	
395	ALU SEALING RING	33X392	09.14.033	
396	CRANKCASE EQUILISATION LINE		04.90.028	
397	O-RING	3.55X29.7	09.52.329	
398	PLUG	G135	01.36.134	
399	NIPPLE COUPLING	12G21	03.38.211	
400	O-RING	2.62X32.99	09.52.284	
401	SIGHT GLASS	29X60	12.24.029	
402	HEXAGON HEAD BOLT	M6X16	01.10.316	
403	BEARING COVER	AZ GRASSO 10	21.90.005	
404	BEARING BUSH	65X72X62	11.46.762	
405	BEARING COVER	PZ GRASSO 10	21.90.000	
406	BEARING BUSH SET		20.90.210	
407	NIPPLE COUPLING	6G13	03.38.136	
408	STUD	M12X110	01.51.610	
409	DOWEL PIN	6X12	11.06.612	
410	ALU SEALING RING	27X34X2	09.14.027	
411	PLUG	G21-BZK	03.65.827	
412	DOWEL PIN	4X8	11.06.408	
413	BEARING BLOCK SET		20.90.310	
414	BEARING SHELL	65X60N AL	11.44.666	
415	HEXAGON HEAD BOLT	M12X80	01.10.680	

416	DOWEL PIN	12X26	11.06.226	
417	O-RING	5.33X215.27	09.52.550	
418	HEXAGON HEAD BOLT	M16X90	01.10.890	
419	HEXAGON HEAD BOLT	M16X50	01.10.850	
420	FLAT WASHER	M16	11.13.801	
421	HOLD DOWN DISC SET	GRASSO 10-3+	20.90.320	
422	CARRIER DISC	125	11.25.125	
423	ALLEN HEAD SCREW	M8X65	01.04.465	
424	CRANKSHAFT	610-SE	22.91.600	
425	KEY	16X10X70	11.02.670	
426	PISTON ASSY.	S110X30X88	24.06.010	
427	GUDGEON PIN	18X30X80	24.20.310	
428	LOCKING RING	30	11.04.030	
429	SET OF PISTON RINGS		20.90.315	
430	CON.ROD ASSY.	10LP	24.91.510	
431	CON.ROD ASSY.	10HP	24.91.520	
43	BEARING BUSH	30X42X36 Cu/Sn	11.46.336	
433	NEEDLE BEARING	RNA 4905	11.63.435	
434	CONNECTING ROD BOLT	MF12	01.11.601	
435	BEARING SHELL	65X30N DR	11.44.366	
436	LOCKING RING SET	13-ST-G.V	11.39.600	
437	HEXAGON NUT	MF12	01.47.605	
438	CYLINDER LINER ASSY.	110 GRASSO 10	20.90.270	



439	CYLINDER		23.90.110	
440	PRESSURE SPRING	0.5X5X18.5X44.5	11.31.545	
441	WASHER	M4 DIN433	11.13.202	
442	CIRCLIP RING	3.2	11.03.004	
443	CAM. RING VALVE LIFTING		27.91.110	
444	LOCKING RING	M6X16	11.13.064	
445	PUSH PIN	4X69.1	11.06.465	
446	PUSH PIN	4X70.5	11.06.475	
447	VALVE LIFTING HOUSING	SINGLE HOUSING	27.90.205	
448	VALVE LIFTING HOUSING	DOUBLE HOUSING	27.90.210	
449	PUSH HANDLE 7. VALVE LIFTING		27.91.007	
450	SHAFT GUIDE	M39X1.5X4D	26.90.740	
451	SHAFT GUIDE	M39X1.5X2B	26.90.720	
452	PRESSURE SPRING	3.2X25X12.5X135	11.30.313	
453	CONTROL PISTON	35X42	26.90.035	
454	QUAD RING	3.53X28.17	09.52.328	
455	SET CONTROL MECHANICAL PARTS	LP	20.90.265	
456	SET CONTROL MECHANICAL PARTS	HP	20.90.260	
457	FLAT WASHER	M8X65	11.13.401	
458	HEXAGON HEAD BOLT	M8X25	01.10.425	
459	O-RING	2.62X40.95	09.52.289	
460	NIPPLE COUPLING	8G10	03.38.108	

461	PLUG	G10B	01.36.108	
462	PRESSURE SPRING	18X111X3X11	11.31.183	
463	DISCHAREG VALVE ASSY.	LP	27.91.120	
464	DISCHAREG VALVE ASSY.	HP	27.91.130	
465	HEXAGON NUT	M16	01.15.810	
466	LOCKING RING SET	M16/13-ST-G.V.	11.39.800	
467	STROKE LIMITOR DISCHARGE VALVE	LP	27.90.100	
468	STROKE LIMITOR DISCHARGE VALVE	HP	27.90.105	
469	VALVE SEAT	LP	27.90.314	
470	VALVE SEAT	HP	27.90.300	
471	SOCKET HEAD SCREW	M16X100	01.04.811	
472	SHAFT SEAL HOUSING		26.90.500	
473	HEXAGON HEAD BOLT M12X35	M12X35	01.10.635	
474	O-RING	2.65X100	09.52.282	
475	O-RING	3.5X75.8	09.52.377	
476	O-RING	3.5X59.72	09.52.359	
477	PIPE OIL	M6X0.5X100	44.05.006	
478	OIL PUM ASSY.		20.90.295	
479	OIL PUMP ASSY.		20.90.294	
480	OIL PUMP HOUSING RC12		26.38.520	
481	PUMP ELEMENT RC12		26.38.140	
482	HEXAGON HEAD BOLT	M6X20	01.10.320	
483	WASHER M6		11.13.301	

484	CARRIER DISC	55X8	11.25.006	
485	DOWEL PIN	6X18X3	11.06.617	
486	GASKET	83X115X0.5	09.03.083	
487	CONTROL OIL PRESSURE REGULATOR SET		20.38.120	
488	O-RING	3.5X21.8	09.55.212	
489	LUBRICATING OIL PRESSURE REGULATOR SET		20.38.118	
490	ALU SEALING	10X18X1	09.12.010	
491	PLUG	G21-BZK	03.65.821	
492	ALU SEALING RING	21X27X2	09.14.023	
493	T-COUPLING	8X8X8	03.40.408	
494	NIPPLE COUPLING	8G13	03.38.138	
495	SOCKET NIPPLE	G13XG21	03.02.213	
496	MEASURING COUPLING	8mm	06.45.608	
497	O-RING	3.53X145	09.55.257	
498	FLAT WASHER	M12	11.13.601	
499	HEXAGON NUT	M12	01.15.610	
500	SWIVEL COUPLING	12G21	03.39.212	
501	STOP VALVE	TAH8-12	06.07.011	
502	SET OF SEALS		09.90.030	
503	SUCTION OIL FILTER SET ( BLUE MARKED)	24	20.38.128	
504	DISCHARGE OIL FILTER SET ( GREY MARKED)	24	20.38.124	
505	HIGH CAPACITY OIL FILTER (GREY MARKED)		20.38.125	
506	HEXAGON HEAD BOLT	M10X80	01.10.581	

507	FLAT WASHER	M10	11.13.501	
508	O-RING	2.5X26.0	09.52.254	
509	REPLACEMENT SET FOR GAUZE FILTER ELEMENT	2000K	20.90.290	
510	GASKET	198X254X2	09.07.226	
511	REPLACEMENT SET FOR GAUZE FILTER ELEMENT	1000	20.90.285	
512	GASKET	118X158X2	09.07.137	
513	O-RING	2.65X13.95	09.52.269	
514	CIRCLIP RING	14	11.03.014	
515	SUCTION HOUSING COVER	200K	05.30.243	
516	SUCTION HOUSING COVER	2000K	05.30.242	
517	SUCTION HOSING COVER	1000	05.30.162	
518	PRESSURE SPRING	6X40X2.7X 42	11.31.601	
519	SPRING RETAINER	14.5X45	48.36.015	
520	HEXAGON HEAD BOLT	M12X45	01.10.645	
521	HEXAGON HEAD BOLT	M16X45	01.10.845	
522	RELIEF VALVE SET	10-25	20.90.345	
523	RELIEF VALVE SET		20.90.350	
524	O-RING	3.53X66.27	09.55.231	
525	RELIEF VALVE		48.27.427	
526	GASKET	48X58X3	09.06.048	
527	GASKET	67X81X3	09.06.067	
528	GASKET	84X98X3	09.06.084	

529	GASKET	98X112X3	09.06.098	
530	GASKET	117X131X3	09.06.117	
531	BASIC GASKET AND O-RING SET		20.90.220	
532	GASKET/O-RING SET FOR 2 CYLINDER HEAD COVER		20.90.225	
533	GASKET/O-RING SET FOR 3 CYLINDER HEAD COVER		20.90.230	
534	SUCTION VALVE SPRINGS/ RINGS REPLACEMENT SET FOR 1 CYLINDER	LP	20.90.250	
535	SUCTION VALVE SPRINGS/RINGS REPLACEMENT SET FOR 1 CYLINDER	HP	20.90.255	
536	DISCHARGE SINUSOIDAL SPRINGS/RINGS SET FOR 1 CYLINDER	H VALVE DESIGN	20.90.245	
537	DISCHARGE SINUSOIDAL SPRINGS/RINGS SET FOR 1 CYLINDER	L VALVE DESIGN	20.90.240	
538	SHAFT SEAL REPLACEMENT SET	60/61.5	20.90.235	
539	BASIC SET OF SPARE PARTS		20.90.205	
540	SET OF PSPECIAL TOOLS		20.90.215	
541	GASKET		09.07.240	
542	GASKET		09.07.245	
543	GASKET		09.07.250	
544	GASKET		09.07.255	

**GRASSO RC9 REFRIGERATION COMPRESSOR SPARE PARTS**

S/N	DESCRIPTION	DIMENSION	PART NO.	
545	HEXAGON NUT	M20	01.15.110	
546	CYLINDER COVER	441X298KA85M	23.15.502	
547	CYLINDER COVER	441X298KA85M	23.15.510	
548	GASKET	206X44X1.5	09.07.206	
549	STUD	M20X55	01.51.155	
550	STUD	M20X80	01.51.180	
551	CAP NUT	G21	03.31.021	
552	GASKET	124X136X1.5	09.03.124	
553	SERVICE COVER	184	05.30.184	
554	HEXAGON HEAD BOLT	M12X40	01.10.640	
555	SERVICE COVER	185V65M8	05.16.666	
556	WELDABLE COUPLING	6X11	03.35.006	
557	STUD	M16X35	01.51.835	
558	WELDABLE NIPPLE	G21R	03.35.021	
559	WELDABLE COUPLING	12X17	03.35.012	
560	GASKET	50X65X1.5	09.03.050	
561	SIGHT GLASS	65X15	12.26.065	
562	SIGHT GLASS FLANGE	65	05.16.065	
563	NON RETURN VALVE	5	06.27.505	
564	PLUG	T13	03.65.013	
565	VALVE COVER	18X8	48.13.218	
566	HEXAGON HEAD BOLT	M10X55	01.10.555	

567	HEXAGON HEAD BOLT	M10X40	01.10.540	
568	TEFLON RING	0X23X3	09.42.230	
569	VALVE GUIDE	22X75	48.40.322	
570	PRESSURE SPRING	4.5X25X9.5X83	11.31.452	
571	PRESSURE SPRING	5X25X9.5X87	11.31.502	
572	FLAT WASHER	M16X28	11.13.829	
573	OILIT SEALING RING	61X71X1.5	09.03.063	
574	VALVE SET	R-NH3-12RC9	48.27.512	
575	VALVE SET	R-NH3-21 RC9	48.27.522	
576	VALVE HOUSING		48.02.621	
577	VALVE ASSY.	12 BAR LD	48.27.524	
578	VALVE ASSY.	21 BAR HP	48.27.525	
579	BEARING COVER	KA85M	21.14.921	
580	CYLINDER PIN	4X12	11.06.412	
581	BEARING BUSH	65X72X65	11.46.766	
582	STUD	M12X138	01.51.617	
583	BEARING COVER	B KA85	21.14.931	
584	BEARING BUSH	65X72X62	11.46.767	
585	STUD	M12X35	01.51.635	
586	BRONZE THRUST RING	72X102X15	11.68.172	
587	STEEL THRUST RING	71X109X1	11.68.171	
588	OILIT SEALING RING	242X258X1	09.02.242	
589	OILIT SEALING RING	242X258X1.5	09.03.242	

590	HEXAGON NUT	M16	01.15.810	
591	DOWEL PIN	4X8	11.06.408	
592	CARRIER DISC	57X9	11.25.009	
593	LOCKING BOLT	M6X16	01.65.316	
594	SPACER ASSEMBLY	65X130X36A	11.12.966	
595	FITTED BOLT	M10X12X25	01.24.501	
596	LOCKING NUT (ZINC PLATED)	M10	01.45.500	
597	CRANKSHAFT	E-KA60	22.15.602	
598	KEY	16X10X56	11.02.656	
599	HUB FIXING	M16X82	19.15.882	
600	LOCKING PLATE	M16XM8	11.14.848	
601	HEXAGON HEAD BOLT	M8X30	01.10.430	
602	PISTON ASSY.	S110X40X110F A85	24.06.000	
603	GUDGEON PIN	28X40X90RC9	24.20.300	
604	SET OF PISTON RINGS	110KA85	09.74.114	
605	LOCKING RING	40	11.04.040	
606	BEARING BUSH	40X46X38	11.46.440	
607	NEEDLE BEARING	NA 69/32	11.63.452	
608	BEARING SHELL	65X30	11.44.365	
609	CONNECTING ROD BOLT	MF12	01.11.601	
610	LOCKING RING SET	13.ST-G.V	11.39.600	
611	CONNECTING ROD	S65X210KA85	24.06.500	
612	CONNECTING ROD	65X210RC9HD	24.21.550	



613	CYLINDER LINER	110FA85	23.06.000	
614	LIFTING BUSH	FA85	27.06.600	
615	OILIT SEALING RING	150X160X1	09.02.150	
616	OILIT SEALING RING	150X161.5X1.25	09.01.150	
617	OILIT SEALING RING	150X160X1.5	09.03.150	
618	O-RING	3X33	09.52.300	
619	PISTON HOUSING VALVE LIFT	FA55M	27.10.501	
620	PRESSURE SPRING	3.2X22X9X80	11.31.322	
621	CONTROL PISTON		27.10.520	
622	SEMI CIRCULAR LEVER	FA85	27.10.559	
623	O-RING	3.53X23.4	09.52.360	
624	O-RING	3.53X36	09.52.348	
625	GLAND FLANGE	060G13	05.38.013	
626	FLANGE VALVE LIFTING	KA8560X85A	27.14.605	
627	HEXAGON HEAD BOLT	M10X25	01.10.525	
628	SOCKET HEAD SCREW	M10X20	01.04.520	
629	NEEDLE COUPLING	6G10	03.38.106	
630	GASKET	20X58X1.5	09.07.020	
631	O-RING	3.53X31.35	09.52.367	
632	STUD	M8X22	01.51.422	
633	FLAT WASHER	M8	11.13.401	
634	HEXAGON NUT	M8	01.15.410	
635	PRESSURE SPRING	18X111X3X118	11.1.193	

636	DISCHARGE VALVE ASSY.	RC9A	27.21.101	
637	DISCHARGE VALVE ASSY.	RC9 R502	27.21.111	
638	SOCKET HEAD SCREW	M6X25	01.04.325	
639	FITTED BOLT	M6X74	01.24.862	
640	STROKE LIMITOR	RC9	27.20.350	
641	LOCKING NUT	M16	01.45.800	
642	STROKE LIMITOR	RC9-R502	27.20.360	
643	VALVE SEAT	RC9-R502	27.20.111	
644	DISCHARGE RING & SPRING SET		11.34.850	
645	SUCTION RING & SPRING SET		11.34.852	
646	SHAFT SEAL	RC9	26.06.211	
647	SHAFT SEAL HOUSING		26.06.210	
648	ALU SEALING RING	17X21X1	09.12.016	
649	NIPPLE COUPLING	12G17	03.38.171	
650	SHAFT SEAL SET	060-B,INCL. O-RING	09.62.910	
651	O-RING	3.53X59.72	09.52.359	
652	O-RING	3.53X69.44	09.52.318	
653	PLUG	G21	01.38.216	
654	NIPPLE COUPLING	12G13	03.38.131	
655	WELDED BENDED	12X1.5	04.02.212	
656	GEAR PUMP		18.10.150	
657	PUMP HOUSING	KA85M	26.14.501	
658	GEAR WHEEL	2X17G18	19.37.467	

659	GEAR WHEEL	2X17D18	19.37.417	
660	BEARING BUSH	18X24X61	11.46.718	
661	BEARING BUSH		11.46.418	
662	PUMP SPACER PLATE	KA85	26.14.700	
663	PUMP COVER	KA85	26.14.600	
664	VALVE PLUNGER	10K110M	26.16.801	
665	PISTON ASSY.	30K110	26.17.830	
666	PRESSURE SPRING	1.1X15X15X97	11.31.117	
667	ALU SEALING RING	34X44X1	09.12.034	
668	O-RING	3X33	09.12.300	
669	PLUG	G33	01.36.336	
670	ALU SEALING RING	13.5X20X1	09.12.014	
671	NIPPLE COUPLING	6G13	03.38.136	
372	T-COUPLING	E6X6X6	03.40.306	
373	DOWEL PIN	6X12	11.06.612	
674	BEAMING BALL	W10	11.19.006	
675	PRESSURE SPRING	1.25X9.5X9.5X36	11.31.137	
676	PLUG	G13X19	01.36.140	
677	HEXAGON HEAD BOLT	M6X35	01.10.335	
678	SPRING SEAT		11.06.811	
679	HEXAGON NUT	M12	01.15.610	
680	O-RING	5.33X133.4	09.52.540	
681	FLAT WASHER	M12	11.13.601	

682	OIL FILTER HOUSING	RC9	07.15.909	
683	OIL FILTER HOUSING		07.15.969	
684	STOP VALVE	TAH8	06.07.013	
685	CAP NUT	GK21R	01.17.021	
686	PIPE	56X56X16	04.38.016	
687	SUCTION OIL FILTER SET(BLUE MARKED)		24	20.38.128
688	OIL FILTER HOUSING	RC9	07.15.309	
689	SWIVEL COUPLING	16G21	03.39.216	
690	NIPPLE COUPLING	16G21	03.38.212	
691	PLUG	G21	01.36.216	
692	SET OS SEALS		09.90.030	
693	DISCHARGE OIL FILTER SET (GREY MARKED)		24	20.28.124
694	ALU SEALING RING	10X18X1	09.12.010	
695	ALU SEALING RING	21X27X2	09.14.023	
696	GASKET	98X112X1.5	09.03.098	
697	GASKET	84X98X1.5	09.03.084	
698	GASKET	48X58X1.5	09.03.048	
699	GASKET	67X81X1.5	09.03.067	
700	SET OF TOOLS		20.20.010	
701	SET OS SPARE PARTS		20.20.022	
702	SET OF ADD. SPARE PARTS		20.20.031	
703	GASKETS (BASIC SET)		09.90.007	
704	GASKETS (ADDITIONAL SET)		09.90.008	

705	PRESSURE GAUGE	NH3-P-100	12.10.113	
706	PRESSURE GAUGE	R-P-100	12.12.113	
707	PRESSURE GAUGE	NH3-Z-100	12.10.114	
708	PRESSURE GAUGE	R-Z-100	12.12.116	
709	PRESSURE GAUGE	R-O-100	12.15.114	
710	STOP VALVE	TAH4C	06.07.007	
711	ALU SEALING RING	6.5X11X1	09.12.007	
712	UNION SOCKET	G21RXG21L	03.29.921	
713	HEXAGON NUT	MF12	01.47.605	
714	CLAMPING SLEEVE	S65X210KA85	03.34.106	
715	UNION NUT	MF12X1.5	03.51.006	
716	HEXAGON NUT (ZINC PLATED)	M10	01.15.510	
717	HEXAGON HEAD BOLT	M10X20	01.10.520	
718	HEXAGON HEAD BOLT	M6X45	01.10.345	
719	HEXAGON NUT	M6	01.15.310	

### GRASSO RC6 REFRIGERATION COMPRESSOR SPARE PARTS

S/N	DESCRIPTION	DIMENSION	PART NO.	
720	CONNECTING ROD ASSY.		24.36.500	
721	PISTON ASSEMBLY		24.36.010	
722	O-RING	3.5*117.07	09.52.362	
723	FLANGE BEARING		11.43.651	
724	CYLINDER LINER		23.36.120	

725	CRANKSHAFT		22.36.800	
726	OIL FILTER		07.11.900	
727	OIL FILTER	149*60	07.16.164	
728	SIGHT GLASS	2.9*6	12.24.029	
729	DISCHARGE VALVE RING	RC6'H'	27.36.103	
730	O-RING	3.53*209.14	09.52.65	
731	O-RING	3.53*136.12	09.52.363	
732	O-RING	3.53*19.67	09.52.361	
733	BEARING		26.36.710	
734	PUMP ELEMENT		26.36.601	

**BOCK REFRIGERATION COMPRESSORE SPARE PARTS( F14/1366 NH3,  
F16/2051 NH3**

S/N	DESCRIPTION	DIMENSION	PART NO.	
735	COMPRESSOR CASING NICHT		3640	
736	BASE PLATE ELEVATED H=105.0		4964	
737	GASKET BASE PLATE		5100	
738	HEX. HEAD SCREW M10X110		5455	
739	GASKET LOWER VALVE PLATE		7899	
740	VALE PLATE NH3 CPL		7938	
741	GASKET UPPER VALVE PLATE		6486	
742	LOCKING SCREW 1/8 "NPTF		5514	

743	CYLINDER COVER STANDARD		3643	
744	HEX.HEAD SCREW M10X75		06828	
745	DECOMPRESSION VALVE M24X1,5 1		07940	
746	SEAL RING 27,8X24,2X2		05791	
747	SHUT –OFF VALVE NS50		07692	
748	FILTER SUCTION SIDE		05983	
749	GASKET RING 81,5X60X1		05111	
750	HEX HEAD SCREW M16X110		05755	
751	SHUT-OFF VALVE NS40		07691	
752	GASKET RING 70X54X1,0		05097	
753	HEX. HEAD SCREW M12X80		05467	
754	RING SCREW M12		06236	
755	PISTON Ø80 OPTIM., STANDARD		07114	
756	TAPERED COMPR. RING PIS.80 CHR		06367	
757	OIL SRAPER RING PISTON 80		06368	
758	PISTON PIN Ø20X13X66		05993	
759	CIRCLIP 20X1 DIN 472		05569	
760	CYLINDER HEAD SCREW M8X60		06623	
761	GASKET -F.OIL P.+REAR BEAR. FL		05094	
762	OIL PUMP COMPLETE ONLY AVAIL. AS COM. AS. KIT/ITEM:222		07505	

763	SIGHT GLASS Ø62 ONLY AVAIL. AS COM. AS . KIT/ITEM: 209		06001	
764	O -RING Ø34,59X2,62		05153	
765	HEX. HEAD SCREW M6X16		05402	
766	SEAL RING 27X22X2		05342	
767	OIL STRAINER		04804	
768	SEAL RING 31x26x2		05368	
769	LOCKING SCREW W.MAGNET		05792	
770	PRESSURE SPRING F. OIL STRAINER		05793	
771	REAR BEARING FLANGE, WITH BUSH ONLY AVAIL. AS COM. AS. KIT/ITEM: 221		03961	
772	PIPE UNION Ø6		06130	
773	LOCKING SCREW M22x1,5		06348	
774	WOODRUFF KEY A10X16 DIN 6888		05883	
775	DISC W.LOCKING PIN		05999	
776	HEX. HEAD SCREW M12X40		05462	
777	SPRING WASHER B12		05666	
778	CONNECTING ROD 148 LONG ONLY AVAIL. AS COM. AS KIT/ITEM: 211		03377	
779	CONNECTING ROD SCREW M8X55		05940	
780	T-PIPE UNION Ø6 SHOWN IN EXPLODED VIEW		06131	



781	W-PIPE UNION Ø6		06133	
782	GASKET - FRONT BEARING FLANGE		06485	
783	SLIDE RING ONLY AVAIL. AS COM. AS. KIT/ITEM: 202		06402	
784	GASKET-SHAFT SEAL COVER		06004	
785	SHAFT SEAL COVER ONLY AVAIL.AS.COM.AS KIT/ITEM:202		06409	
786	RADIAL -SHAFT SEAL RING		06005	
787	PRESSURE SPRING		06407	
788	GUIDE RING F. SHAFT SEAL GASKET ONLY AVAIL.AS.COM.AS KIT/ITEM:202		06404	
789	O-RING Ø59,69X5 , 33 FOR OIL FILLING KC68,PG68,S68 ONLY AVAIL.AS.COM.AS KIT/ITEM:202		06008	
790	O-RING Ø59,69X5, 33 FOR OIL FILLING SYNTH68 ONLY AVAIL.AS.COM.AS KIT/ITEM:202		50793	
791	CYLINDER HEAD SCREW M8X25		06067	
792	CRANKSHAFT 68 STROKE ONLY AVAIL.AS.COM.AS KIT/ITEM:206		07580	
793	FRONT BEARING BUSH ONLY AVAIL.AS.COM.AS KIT/ITEM:230		04737	
794	FRONT BEARING FLANGE		03642	

795	HEX. HEAD SCREW M10X30		06080	
796	GASKET RING 75X61X1,0		05112	
797	GASKET RING 52X38X1,0		05113	
798	LOCKING PLUG Ø6		06132	
799	SILICON HOSE 4X1, 5 MM/280LG ONLY AVAIL.AS.COM.AS KIT/ITEM:202		01333	
800	HOSE CLAMP ONLY AVAIL.AS.COM.AS KIT/ITEM:202		01399	
801	THREADED PIN M6X16		05708	
802	PRESSURE REGULATOR OIL CPL		04965	
803	WELD-FITTING Ø54,2		06118	
804	WELD-FITTING Ø42,4		06117	
805	LOCKING SCREW M22X1, 5		06400	
806	HEX. HEAD SCREW M16X50		05415	
807	HEX. HEAD SCREW M12X50		05463	
808	CAP NUT M36X1, 5		05797	
809	CAP NUT M27X2		05796	
810	SQUARE FLANGE (NS32-38)		05787	
811	SQUARE FLANGE (NS50)		05785	
812	PROTECT . PLUG Ø42, 0 (d=Ø39, 2)		05852	
813	PROTECT . PLUG Ø62, 0 (d=Ø60, 0)		05854	

814	NAME PLATE, PLAIN 35X61 MM		06256	
815	LOCKING SCREW 1/4 "NPTF		05801	
816	DOUBLE BEVEL OIL CONT. RING 80		06369	
817	PIPE UNION Ø1		06128	
818	LOCKING PLUG Ø10		06129	
819	REFR. MACHINE OIL RENISO KC68		02137	
820	LABEL " IMPORT. INSTRUCT " TO ATTACH TO THE OIL PUMP		09932	
821	GASKET SET (F. SHUT-OFF VALVE)		03903	
822	MOUNTING INSTRUCTION F/F NH3		09702	
823	SET-VALVE PLATE NH3		08844	
824	SET-SHAFT SEAL FOR OIL FILLING KC68, PG68, S68		08012	
825	SET-SHAFT SEAL FOR OIL FILLING SYNTH68		80925	
826	SET-PISTON Ø80 (OPTIMIZED)		80106	
827	SET-PISTON-CONN. W. 3 RINGS/80		08825	
828	SET-CRANKSHAFT 68 STROKE		08403	
829	SET-SHUT-OFF VALVE NS40		08483	
830	SET-SHUT-OFF VALVE NS50		08484	
831	SE-SIGHT GLASS Ø62		08130	
832	SET-GASKETS		08493	

833	SET-CONNECTING ROD		08402	
834	SET-CYLINDER COVER STANDARD		08820	
835	SET-REAR BEARING		80482	
836	SET-OIL PUMP		08799	
837	SET-FRONT BEARING FLANGE		80884	
838	SET-OIL STRAINER		08457	
839	SET-SIGHT GLASS Ø62		08130	
840	SET-OIL PRESSURE. SAFETY SW. MP55A		81141	
841	SET-OILS. HEAT.140W 230V AC		08426	
842	SET-OILS. HEAT. 140W 110-130V, SP		08430	
843	SET-START UNL.SU92 230V AC		80800	
844	SET-START UNL. SU92 SP.V		80801	
845	SET-CAP. REG. CR92 230V AC		80796	
846	SET-CAP. REG. CR92. SP.V		80797	
847	SET-BASE PALTE ELEVATED		08439	
848	SET-WC. CYLINDER COVER F.SU92		08976	
849	SET-SU/CR92 230V AC		80802	
850	SET-SU/CR92 SP.V		80803	
851	SET-SU/CR92 S24V DC		80804	
852	SET-SU/CR92 110V AC		80805	
853	SET-CAP . REG. CR92 230V AC		80798	

854	SET-CAP. REG. CR92.SP.V		80799	
855	SET-FLYWHEEL		81301	
856	SET-OIL SERVICE VALVE		81308	
857	SET PISTON CONN.W 3 RINGS/80		0-8491	
858	SET VALVE PLATE		0-8498	
859	OSET-OIL PUMP		0-8795	
860	SET-SHAFT SEAL		0-8012	
861	SET-FRONT BEARING BUSH		0-8179	
862	SET-REAR BEARING		0-8465	
963	SET-OIL STRAINER		0-8457	
864	SET-SIGHT GLASS		0-8130	
865	GASKET SET		3900	
866	SET VALVE PLATE		8198	
867	SET GASKET		8157	
868	SET SHAFT SEAL		8008	
869	ET OIL STRAINER		8456	
870	OIL SCRAPER RING PISTON 55		5390	
871	TAPERED COMPRESSOR RING PISTON 55		5380	
872	SET-CRANKSHAFT 49 STROKE		8055	
873	CUP NUT M22X1.5		5784	
874	CUP NUT 7/16"UNF		5789	

875	SET OIL PUMP		8044	
876	BASE PLATE		4041	
877	GASKET BASE PLATE			

**KIRLOSKAR REFRIGERATION COMPRESSOR SPARE PARTS  
(KX4,KCX-4,4NH3,KC2)**

	<b>DESCRIPTION</b>	<b>DIMENSION</b>	<b>PART NO.</b>	
878	CRANKCASE ASS.	V(KC2)	082.01.025.50	
878	CRANKCASE ASS.	V(KC3)	083.01.025.50	
879	CRANKCASE ASSEMBLY	(KC4)	084.01.025.50	
880	CRANKCASE ASSEMBLY	(KC6)	086.01.000.51	
881	CRANKCASE ASSEMBLY	(KC9)	080.01.000.51	
882	CRANKCASE ASSEMBLY	(KC12)	090.01.000.51	
883	CRANKCASE ASSEMBLY	(KC21)	342.01.000.50	
884	CRANKCASE ASSEMBLY	(KC31)	343.01.025.50	
885	CRANKCASE ASSEMBLY	(KC42)	344.01.000.50	
886	CRANKCASE ASSEMBLY	(KC51)	345.01.000.50	
887	CRANKCASE ASSEMBLY	(KC63)	346.01.000.50	
888	CRANKCASE ASSEMBLY	(KC72)	347.01.000.50	
889	CRANKCASE ASSEMBLY	(KC84)	330.01.000.50	
890	CRANKCASE ASSEMBLY	(KC93)	348.01.000.50	

891	CRANKCASE ASSEMBLY	(KC102)	349.01.000.50	
892	CYLINDER COVER	(exceptKC4,31)	082.28.100.50	
893	CYLINDER COVER	(KC4,31)	084.28.100.50	
894	GASKET FOR CYLINDER COVER	(KC4,31)	082.28.650.50	
895	GASKET FOR CYLINDER COVER	(KC4,31)	084.28.740.50	
896	STUD	(LONG M 16 X 65	999.03.710.50	
897	PACKING FOR HP CYLINDER		999.18.526.50	
898	BLIND PLUG 1/4"BSP FOR HP CYLINDER		999.30.950.50	
899	NON-RETURN VALVE FOR LP CYLINDER		082.06.000.50	
900	GASKET FOR SIDE COVER		993.00.311.00	
901	SIDE COVER		082.28.110.52	
902	HEX. HEAD SCREW	M16 x35(PER SIDE COVER)	999.01.690.50	
903	OIL LEVEL GLASS COVER		082.28.180.50	
904	HEX. HEAD SCREW	M8 x30	999.01.624.50	
905	WELDING NIPPLE	15 DIA TUBE	082.01.500.50	
906	FERRULE	6 DIA TUBE	999.16.001.50	
907	UNION NUT	6 DIA TUBE	999.16.063.50	
908	CYLINDRICAL PIN -	15 DIA	330.24.010.50	
909	BOTTOM HOUSING ASSBLY(WELDED TO C' CASE)		336.13.015.50	
910	SET OF SAFETY VALVE PARTS TWO		342.15.00.50	

	STAGE LP SIDE			
911	VALVE GUIDE		336.13.001.50	
912	RING TEFLON		336.13.002.50	
913	CUP SPRING		336.13.003.50	
914	SPRING		336.13.005.50	
915	RING ADJUSTING		336.13.008.50	
916	TOP HOUSING ASSY		336.13.009.50	
917	HEX.HD SCREW	M8 X 50	999.01.628.50	
918	HEX. HD SCREW	M8 X 35	999.01.625.50	
919	DISTANCE RING		342.15.003.50	
920	SAFETY PLATE		351.03.105.50	
921	FERRULR	DIA 22	999.16.027.50	
922	UNION NUT	DIA 22	999.16.087.50	
923	CRANKCASE ASSY	.(KC 4)	084.01.002.50	
924	CRANKCASE ASSLY.	(KC 31)	343 01 002 50	
925	GASKET FOR SIGHT GLASS		351 09 013 50	
926	OIL LEVEL GLASS		351 09 043 50	
927	RETAINING PLATE		351 09 015 50	
928	HEX. HD SCREW	M8X25	999 01 623 50	
929	UNION SOCKET SCREW		999 16 267 50	
930	UNION SOCKET SCREW		999 16 259 50	
931	ALUMINIUM WASHER		999 18 527 50	
932	WELDING NIPPLE		082 01 500 50	



933	WELDING NIPPLE		082 01 522 50	
934	UNION SOCKET SCREW		999 16 543 50	
935	ALUMINIUM WASHER		999 18 525 50	
936	BEARING COVER ASSY. DRIVE END		336.02.001.50	
937	BEARING COVER ASSY. DRIVE END		336.02.002.50	
938	PIN CYLINDRICAL		999.09.575.50	
939	STUD FOR BEARING COVER	(M12x 100L )	999.03.683.50	
940	BEARING COVER ASSY PUMP END		082.02.001.50	
941	BEARING COVER PUMP END		082.28.030.50	
942	STUD FOR BEARING COVER	(M12x 130L )	999.03.688.50	
943	INTERMEDIATE BEARING ASSEMBLY		086.15.040.50	
944	BEARING INTERMEDIATE HALF STD		086.15.030.50	
945	THRUST RING		336.02.004.50	
946	GASKET	1.5 THK	082.28.642.50	
947	GASKET	1.0 THK	082.28.643.50	
948	RING LOCKING		086.28.300.50	
949	HEX NUT	M16 x1.5	999.01.746.50	
950	STUD	M16 x 35	999.03.700.50	
951	BEARING BUSH DRIVE END first undersized	0.125mm	336.02.006.50	
952	BEARING BUSH DRIVE END second undersized	0.25mm	336.02.007.50	
953	BEARING BUSH PUMP END first undersized	0.125mm	082.28.051.50	

954	BEARING BUSH PUMP END second undersized	0.25mm	082.28.052.50	
955	BEARING INTERMEDIATE HALF first undersized	0.125mm	086.15.031.50	
956	BEARING INTERMEDIATE HALF secondundersized	0.25mm	086.15.032.50	
957	CRANKSHAFT ASSLY. COMPLETE	KC2	336.03.001.50	
958	CRANKSHAFT ASSLY. COMPLETE	KC 3,KC31	337.03.001.50	
959	CRANKSHAFT ASSLY. COMPLETE	KC 4,KC31	338.03.001.50	
960	CRANKSHAFT ASSLY. COMPLETE	KC 6,KC51, KC42	339.03.001.50	
961	CRANKSHAFT ASSLY. COMPLETE	KC 9,KC63, KC72	340.03.001.50	
962	CRANKSHAFT ASSLY. COMPLETE	KC 12,KC84, KC93,KC102	341.03.001.50	
963	SAFETY PLATE		082.28.240.50	
964	BOLT ATTACHING	M16x80	999.01.699.50	
965	DRIVING PLATE		082.28.060.50	
966	HEX HD BOLT		082.28.062.50	
967	PIN CYLINDRICAL		999.09.678.50	
968	THRUST RING		336.03.005.50	
969	SPACER RING ASSLY.	KC2	082.05.000.50	
970	DISTANCE RING		082.05.010.50	
971	SAFETY PLATE		082.05.020.50	
972	HEX NUT M8		999.06.623.50	
973	RETAINING PLATE ASSLY.		336.14.114.50	

974	LOCKING PLATE		336.14.103.50	
975	PLAIN WASHER		999.18.740.50	
976	HEX HD SCREW		999.01.670.50	
977	SHAFT KEY		082.28.191.50	
978	PISTON ASSLY.		082.03.000.50	
979	GUDGEON PIN		082.03.020.50	
980	PISTON		082.03.110.50	
981	PLATE SAFETY		082.03.040.50	
982	BOLT SAFETY		082.03.030.50	
983	GUDGEON PIN BUSH		082.04.020.50	
984	CONNECTING ROD WITH BOLT		082.04.070.50	
985	BIG END BEARING HALF first undersized	0.25mm	082.04.031.50	
986	BIG END BEARING HALF second undersized	0.50mm	082.04.032.50	
987	CONNECTING ROD ASSY		082.04.001.50	
988	NEEDLE ROLLER BEARING		082.04.002.50	
989	SPACER FOR NRB		082.04.003.50	
990	BIG END BEARING SET		082.04.030.50	
991	CONN. ROD WITH BOLT		082.04.040.51	
992	HEX NUT	M16X1.5P	082.04.100.51	
993	SAFETY PLATE		082.04.050.50	
994	CYLINDER LINER ASSY.		336.04.000.50	
995	HEX NUT M6		999.06.616.50	

996	PRESSING RING ASSY.		082.10.01 0.50	
997	SPRING		082.10.050.50	
998	RING WITH HINGED POINT		082.10.030.50	
999	CURTAIN SPRING		082.10.080.50	
1000	TOP BOLT	M6X140	082.10.012.50	
1001	LEVER		082.10.040.51	
1002	FULCRUM PIN		336.40.406.50	
1003	WASHER PLANE		999.18.700.50	
1004	SPLIT PIN		999.30.251.50	
1005	GASKET	1.5 THK.	082.28.670.50	
1006	GASKET	0.5THK.	082.28.671.50	
1007	GASKET	1.0THK.	082.28.672.50	
1008	HEX HD BOLT	M10 X 70	999.01.655.50	
1009	"O" RING		999.12.703.50	
1010	SPRING		336.05.002.50	
1011	UNLOADER PISTON ASSLY		336.05.007.50	
1012	UNLOADER PISTON COMPLETE		336.05.001.50	
1013	TEFLON RING		336.05.006.50	
1014	SPACER RING		336.05.005.50	
1015	CIRCLIP		999.13.581.50	
1016	HOUSING FOR PISTON		082.10.090.51	
1017	SET NIPPLE		082.28.270.50	
1018	LOCKING NUT		336.05.008.50	

1019	BUFFER SPRING		082.28.090.50	
1020	CUP SPRING		336.12.011.50	
1021	DELIVERY VALVE ASSLY.		336.12.003.50	
1022	SPLIT PIN		999.30.265.50	
1023	CASTLE NUT		999.06.692.50	
1024	STROKE LIMITOR		336.12.005.50	
1025	SPRING VALVE DISCHARGE		082.11.120.50	
1026	SPRING VALVE DISCHARGE		082.11.110.50	
1027	SPRING VALVE DISCHARGE		088.06.150.50	
1028	RING VALVE DISCHARGE		082.11.040.50	
1028	RING VALVE DISCHARGE		082.11.030.50	
1029	RING VALVE DISCHARGE		088.06.040.50	
1030	DELIVERY VALVE SEAT		336.12.004.51	
1031	CENTRE BOLT		336.12.006.50	
1032	SUCTION STROCK LIMITOR		336.12.002.51	
1033	SHAFT SEAL COVER		082.28.160.50	
1034	SHAFT SEAL		082.08.000.50	
1035	"O" RING OUTER		082.08.070.50	
1036	"O" RING INNER		082.08.060.50	
1037	UNION SOCKET SCREW		998.16.241.50	
1038	OIL DRAIN TUBE		336.03.122.50	
1039	OIL PUMP ASSY.		082.07.000.50	
1040	PUMP HOUSING WITH BUSHES		082.07.010.50	

1041	DRIVING GEAR COMPLETE		082.07.360.50	
1042	DRIVEN GEAR COMPLETE		082.07.370.50	
1043	BEARING BUSH		082.07.330.50	
1044	"O" RING		999.12.909.50	
1045	OIL PUMP COVER		082.07.050.50	
1046	HEX HD SCREW	M6 X 20	999.01.609.50	
1047	PRESSURE REDUCER PIN		082.07.060.50	
1048	PISTON FOR PRESS REDUCER		082.07.070.50	
1049	HYD. TIME DELAY PLUNGER		082.07.080.50	
1050	PISTON FOR TIME DELAY		082.07.090.50	
1051	VALVE PLATE FOR TIME DELAY		082.06.020.50	
1052	STROKE UMITO		082.07.110.50	
1053	SPRING		082.07.120.50	
1054	PACKING		999.18.561.50	
1055	PLUG 1 INCH BSP		082.07.130.50	
1056	PACKING		999.18.520.50	
1057	PLUG 1/88 BSP		082.07.380.50	
1058	HEX NUT	M12	999.06.650.50	
1059	"O" RING		082.28.280.50	
1060	SUCTION FILTER ASSY.		336.10.023.50	
1061	TOP HOUSING ASSLY. SUCT. WITH PIPING		336.10.035.50	
1062	PACKING		999.18.525.50	
1063	TAH-8 VALVE ASSY.		351.09.003.50	

1064	CAP NUT		082.28.500.50	
1065	SPACER RING		336.10.007.50	
1066	SPRING		336.10.006.50	
1067	BOTTOM HOUSING ASSY		336.10.34.50	
1068	HEX NUT	M10	999.06.632.50	
1069	PLUG	1/4 " BSP	082.07.230.50	
1070	DISCHARGE FILTER ASSY		336.10.031.50	
1071	TOP HOUSING ASSY		336.10.036.50	
1072	HEX HD SCREW	M10X30	999.01.369.50	
1073	SOCKET UNION SCREW		999.16.267.50	
1074	OIL LINE NUMBER A		336.14.125.50	
1075	PACKING		999.18.548.50	
1076	REDUCING NIPPLE		336.14.111.50	
1077	FERRULE		999.16.019.50	
1078	UNION NUT		999.16.079.50	
1079	PIPE BEND 15 DIA		330.24.002.50	
1080	OIL LINE NUMBER B		336.14.126.50	
1081	PIPE 15 DIA		330.24.003.50	
1082	HOUSING ASSY		082.09.010.51	
1083	PACKING		999.18.537.50	
1084	SPRING		082.09.020.50	
1085	BALL	DIA 16	999.30.785.50	
1086	SET PIN		082.09.030.50	

1087	"O"RING		999.12.627.50	
1088	NIPPLE	1/2"BSP	082.09.040.50	
1089	OIL LINE NUMBER C		336.14.127.50	
1090	UNION SOC. SCREW ASSY		998.15.259.50	
1091	PIPE BEND	15 DIA	082.23.001.50	
1092	SUCTION STRAINER HOUSING		086.12.010.50	
1093	SUCTION STRAINER HOUSING		080.12.010.50	
1094	SUCTION STRAINER HOUSING		090.12.010.50	
1095	SUCTION STRAINER HOUSING		342.12.010.50	
1096	SUCTION STRAINER HOUSING		344.12.010.50	
1097	WELDING NIPPLE	15 DIA	082.02.500.50	
1098	WELDING NIPPLE	22 DIA	082.01.520.50	
1099	WELDING NIPPLE		082.01.522.50	
1100	HEX HD SCREW	M20 X 80	999.01.755.50	
1101	GASKETS		993.30.30.900	
1102	HEX NUT	M20	999.06.742.50	
1103	SUCTION CLOTH BAG FILTER		082.12.061.50	
1104	SUCTION CLOTH BAG FILTER		086.12.056.50	
1105	UNION SOCKET SCREW ASSY.		998.16.243.50	
1106	UNION SOCKET SCREW		999.16.243.50	
1107	T CONNECTING SOCKET ASSY		998.16.543.50	
1108	T CONNECTING SOCKET		999.16.541.50	
1109	SOLENOID VALVE ASSY.		082.25.030.50	



1110	COIL FOR SOLENOID VALVE		082.25.032.50	
1111	K-5 VALVE ASSLY.		082.16.001.50	
1112	"O" RING		999.12.626.50	
1113	STEEL TUBE	6 DIA	999.37.103.00	
1114	ADAPTOR TOP SOLENOID VALVES		082.25.011.50	
1115	BOTTOM PLATE		082.24.042.50	
1116	STUD		082.24.043.50	
1117	HEX NUT	M 16	999.06.687.50	
1118	TOP PLATE ASSEMBLY		082.24.041.50	
1119	HEX HD SCREW	M20X125L	999.01.760.50	
1120	BUSH FOR PISTON INSERTION		082.24.020.50	
1121	KEY FOR PISTON REMOVAL		082.24.030.50	
1122	SPANNER RING	24X27	999.29.615.00	
1123	LP PRESSURE CUT-OUT	MP-1 FOR R12,R22	999.52.069.01	
1124	LP PRESSURE CUT-OUTS MP-1A		999.52.069.02	
1125	HP PRESSURE CUT -OUTS	MP-5R	999.52.069.03	
1126	HP PRESSURE CUT -OUTS	MP-5AR	999.52.069.04	
1127	HP/LP PRESSURE CUT-OUTS	MP-15R	999.52.069.05	
1128	HP/LP PRESSURE CUT-OUTS	MP-15AR	999.52.069.06	
1129	LP/OP PRESSURE CUT-OUTS	MP-55R	999.52.069.07	
1130	LP/OP PRESSURE CUT-OUTS	MP-55AR	999.52.069.08	
1131	DISCHARGE PRESSURE GAUGE -	760 Hg to 25kgf/cm <sup>2</sup> ,R22	996.00.210.05	

1132	DISCHARGE PRESSURE GAUGE -	760 Hg to 25kgf/cm <sup>2</sup> ,NH <sub>3</sub>	996.00.220.02	
1133	SUCTION/OIL PRESSURE GAUGE -	760 Hg to 16kgf/cm <sup>2</sup> ,R22	996.00.210.04	
1134	SUCTION/OIL PRESSURE GAUGE -	760 Hg to 16kgf/cm <sup>2</sup> ,NH <sub>3</sub>	996.00.220.01	
1135	SUCTION/OIL PRESSURE GAUGE -	760 Hg to 16kgf/cm <sup>2</sup> ,R12	996.00.210.03	
1136	SPINDLE ASSEMBLY		085.06.415.50	
1137	TEFLON RING TOP		085.06.490.50	
1138	TEFLON SEAT BOTTOM		085.06.500.50	
1139	SUPPORTING DISC		085.06.037.50	
1140	HEX SCREW		999.01.619.50	
1141	BOTTOM HOUSING		085.06.381.50	
1143	GASKET BETWEEN TOP & BOTTOM HOUSIN		085.06.410.50	
1144	HAND WHEEL		085.20.022.50	
1145	GLAND BUSH		085.06.024.50	
1146	GLAND PACKING	5X5 sq	085.06.026.50	
1147	GASKET FOR sqFLANGE OUT		993.00.306.00	
1148	SPINDLE ASSEMBLY		085.08.415.50	
1149	TEFLON RING TOP		085.07.490.50	
1150	TEFLON SEAT BOTTOM		085.08.500.50	
1151	SUPPORTING DISC		085.08.037.50	

1152	HEX SCREW		999.01.661.50	
1153	TOP HOUSING		085.07.380.50	
1154	BOTTOM HOUSING		085.92.310.50	
1155	GASKET BETWEEN TOP & BOTTOM HOUSIN		993.00.310.00	
1156	HAND WHEEL		085.26.022.50	
1157	GLAND BUSH		085.07.024.50	
1158	GLAND PACKING	5X5 sq	085.07.025.50	
1159	GASKET FOR sq. FLANGE IN		993.00.308.00	
1160	GASKET FOR sq. FLANGE OUT		993.00.309.00	
1161	CRANK SHAFT ASSY		338.40.300.50 1	
1162	FILTER WIRE GAUGE		336.10.009.50	
1163	FILTER PAPER E		351.09.014.50	
1164	OIL LEVEL GLASS		082.28.170.50	
1165	GASKET FOR SIGHT GLASS		993.00.305.00	
1166	SET OF PISTON RINGS		082.03.150.50	
1167	BEARING BUSH (STD)		336.02.003.50	
1168	BEARING BUSH (STD)		082.28.050.50	
1169	CYLINDER LINER		336.40.401.50	
1170	SUCTION VALVE SPRING		336.12.001.50	
1171	SUCTION VALVE RING		082.28.130.50	
1172	LIFT PISTON O-RING		999.12.705.50	
1173	OIL PRESSURE REGULATOR		082.11.009.50	

1174	CON-ROD ASSY.		082.04.000.50	
S/N	DESCRIPTION	DIMENSION	PART NO.	
1175	HALF SECTION BEARING		3123-003	
1176	PISTON RING, CHROMIUM PLATED		325-020	
1177	PISTON RING		3125-018	
1178	OIL SCRAPER RING		3125-065	
1179	DISCHARGE VALVE		3125-032	
1180	RING PLATE FOR DISCHARGE VALVE		31-25-015	
1181	SUCTION VALVE		3125-005	
1182	RING PLATE FOR SUCTION VALVE		3131-021	
1183	CYLINDER LINER WITH SUCTION VALVE		3112-045	
1184	CYLINDER LINER		3112-018	
1185	CONNECTING ROD COMPLETE TSMC LP		3123-004	
1186	BEARING BUSH		1515-037	
1187	BEARING BUSHING		1515-038	
1188	PISTON		3135-034	
1189	GASKET FOR CYLINER LINER 0.5m		2356-111	
1190	GASKEY FOR CYLINER LINER 0.8mm		2356-233	
1191	SUCTION AND OIL PRESSURE GAUGE		5141-108	
1192	DISCHARGE PRESSURE GAUGE		1541-101	
1193	SHAFT SEAL ASSY.		3128-002	
1194	CONNECTING ROD COMPLETE TSMC HP		3123-006	

1195	BOLT FOR CONNECTING ROD		2111-068	
1196	LOCK NUT UNF.		1433-116	
1197	PISTON WITH PIN & RINGS		3124-002	
1198	PISTON PIN		3125-084	
1199	PISTON PIN LOCK RING		1437-150	
1200	CYLINDER LINER WITH SUCTION VALVE		3112-062	
1201	SPRING FOR UNLOADER		2142-034	
1202	WASHER DIA 8/4.3X0.5mm		2114-001	
1203	UNLOADER RING WITH PIN		3155-054	
1204	DISCHARGE VALVE COMPLETE		3136-033	
1205	VALVE SPRING		2141-047	
1206	SHAFT SEAL COMPLETE WITH HOUSING		3126-002	
1207	OIL PUMP COMPLETE		3141-004	
1208	OIL FILTER		1517-129	
1209	MAIN BEARING BUSH		2312-021	
1210	DISCHARGE VALVE SEAT		3133-027	
1211	SPRING		2142-061	
1212	BEARING FOR TZMC 116L HP		3135-096	
1213	CRANK SHAFT FOR TSMC 116L COMPLETE		3121-108	
1214	BUSH FOR PISTON PIN		2132-004	
1215	NEEDELE BEARING		1511-275	
1216	PISTON WITH PIN & RINGS		3124-130	
1217	CYLINDER LINER WITH SUCTION VALVE		3112-085	

1218	CYLINDER LINER WITH SUCTION VALVE		3112-087	
1219	SPRING SAFETY HEAD		2142-060	
1220	DISCHARGE VALVE		3136-089	
1221	DISCHARGE VALVE		3136-087	
1222	MP55		1373-159	
1223	THERMOSTATIC EXPANSION VALVE	TX2-0.5	1371305	
1224	GASKET FOR WATER COVER	POS 2B-1	2352-176	
1225	GASKET FOR WATER COVER	2B-2/2B-3	2353-175	
1226	GASKET FOR TOP COVER		2353-151	
1227	SUCTION FILTER OPEN, COMPLETE		3425-093	
1228	SUCTION FILTER CLOSED , COMPLETE		3425-095	
1229	SHAFT SEAL COMPLETE	TSMC 116L	3184-226	
1230	OVERHAULING GASKET	TSMC 116L	3184-153	
1231	OVERHAULING GASKET	SMC116S	3184-154	
1232	CONNECTING ROD		3123-076	
1233	PISTON WITH PIN & RINGS		3124-062	
1234	MAIN BEARING BUSH		2132-087	
1235	SHAFT SEAL ASSY.		3124-165	
1236	CYLINDER LINER WITH SUCTION VALVE COMPLETE ASSY.		3112-055	
1237	RING PLATE DISCHARGE		3131-072	
1238	OIL SRAPPER RING		3125-124	
1239	PISTON RING CHROME		3125-129	
1240	OIL PUMP ASSY.		3141-154	

1241	GASKET SET	28	CMO18	
1242	DISCHARGE VALVE COMPLETE		3136-079	
1243	CONNECTING ROD		3123-009	
1244	PISTON WITH PIN & RINGS		3124-043	
1245	MAIN BEARING BUSH		2132-019	
1246	SHAFT SEALL ASSY.		3126-017	
1247	CYLINDER LINER WITH SUCTION VALVE COMPLETE ASSY.		3112-021	
1248	RING PLATE SUCTION		3131-014	
1249	RING PLATE DISCHARGE		3131.006	
1250	OIL SCRAPPER RING		3125.062	
1251	PISTON RING CHROME		3125.011	
1252	OIL PUMP ASSY.		3141.104	
1253	GASKET SET	TCMO 18	TCMO 18	
1254	DISCHARGE VALVE COMPLETE		3136.079	

**J & E HALL- THERMOTANK REFRIGERATION COMPRESSOR SPARE PARTS  
(V54 & V92)**

	DESCRIPTION	DIMENSION	PART NO.	
1255	CONNECTING RODS		42341-155-2	
1256	CYLINDER LINER		32171-561-2	
1257	PISTON ASSY.		42352-127-2	
1258	MAIN BEARING		37333-114-2	
1259	THRUST WASHER		37331-115-2	
1260	THRUST WASHER		37331-407-2	

1261	TAPER PISTON RINGS		32252-313-2	
1262	GOLD SEAL PISTON RINGS		32253-309-2	
1263	OIL SCRAPER RINGS		32251-306-2	
1264	OIL PUMP		44241-407-2	
1265	OIL FILTER		2384-704	
1266	SAFETY DISCS		33212-403-2	
1267	GLAND SEAL ASSY.		44713-601-2	
1268	SUCTION VALVES REEDS		34226-110-2	
1269	SUCTION VALVE SPRINGS UPPER		35415-201-2	
1270	SUCTION VALVE SPRING LOWER		35415-209-2	
1271	OVERHAULING GASKET COMPLETE		JST2104	
1272	DELIVERY VALVE SPRINGS		35433-16-661	
1273	PISTON ASSY.		42352-138	
1274	CONNECTING RODS		42341-166	
1275	SUCTION VALVE REED		35413-402	
1276	DELIVERY VALVE REED		35413-404	
1277	OIL RELIEF VALVE		43733-151	
1278	DELIVERY VALVE SPRINGS		35433-402	
1279	MAIN BEARING		3733-541	
1280	FELT SOCK		38261-210	
1281	DELIVERY VALVE PIN		2113-16-661	
1282	OIL FILTER		43121-405	
1283	PISTON RING		32252-218	



1284	CYLINDER LINER		32171-102	
1285	CRACK SCRAPER ROD		32212-546	
1286	OIL SCRAPER ROD		32252-217	
1287	DELIVERY VALVE GUARD		32287-12	
1288	OVERHAULING GASKET		JST2102-8	
1289	OIL PUMP SLEEVE		33216-403	
1290	OIL PUMP BLADES		35151-337	
1291	OIL PUMP ROOT		33274-126	
1292	OIL PUMP BEARING		34377-111	
1293	SAFETY DISC		33212-127	
1294	SAFETY DISC JOINT		38112-312	
1295	PUMP END COVER		38128-111	
1296	GLAND END COVER		38128-117	
1297	GLAND COVER PLATE		38124-112	
1298	SIGHT GLASS		34141-501	
1299	SIGHT GLASS COVER		38161-106	
1300	OIL DIFFERENTIAL SWITCH		38163-110	
1301	SUCTION STOP VALVE COVER		3814-113	
1302	SUCTION STOP VALVE GLAND		2316-729	
1303	OIL STRAINER		37231-452	
1304	HAND OIL PUMP ASSY.		44211-159	
1305	SAFETY DISC BODY SUCTION		38114-113	
1306	SAFETY DISC BODY DELIVERY		38133-316	

1307	VALVE PLATE / CRANK CASE		38155-108	
1308	VALVE PLATE /CYLINDER HEAD LP		38157-106	
1309	VALVE PLATE /CYLINDER HEAD HP		38157-110	
1310	SUCTION STRAINER COVER LP		2316-121	
1311	SUCTION STRAINERCOVER HP		2316-041	
1312	SAFETY DISC FLANGE		38161-103	
1313	SUCTION STOP VALVE /CRANK CASE		8113-316	

<b>JOSEF MEHRER REFRIGERATION COMPRESSOR SPARE PARTS</b>				
<b>S/N</b>	<b>DESCRIPTION</b>	<b>DIMENSIO N</b>	<b>PART NO.</b>	
1314	CRANK SHAFT		001-042	
1315	PISTON BODY ASSY. HP		0141-049	
1316	PISTON BODY ASSY. LP		141.031	
1317	GUIDE RING HP		143.015	
1318	OIL FILTER		106.014	
1319	PRESSURE GAUGE		134.019	
1320	PISTON ROD		28.001	
1321	METAL BEARING		210.008	
1322	SCRAPER COLLAR		210.007	
1323	PARKING RING MALE		50 119471	
1324	PARKING RING FEMALE		50 900	
1325	1ST STAGE DELIVERY VALVE ASSY.	79RLXNR	55-131204	

1326	1ST STAGE SUCTION VALVE ASSY.	79RLXNR	59-51-1-19471	
1327	2ND STAGE DELIVERY VALVE ASSY.	42RLXNR	56-131204	
1328	PRESSURE RING	HP	142.024	
1329	PRESSURE RING		142.027	
1330	CYLINDER LINER		0071.025	
1331	ROLLER BEARING	NUP313 DIN 5412	1081.145	
1332	ROLLER BEARING	NU412	00001.221	
1333	CRANK CASE		0070.001	
1334	CYLINDER BLOCK		0071.010	
1335	LANTERN BLOCK		0114.016	
1336	GUIDE CYLINDER		0136.008	
1337	CYLINDER LINER		0071.24	
1338	CONNECTING ROD ASSY.		0025.045	
1339	BUSH		0005.003	
1340	CROSS HEAD		0133.011	
1341	UNLOADER FORK		0157.006	
1342	UNLOADER FORK		0157.007	
1343	COVER		0067.060	
1344	COVER		0067.043	
1345	LANTERN		0114.014	
1346	UNLOADER PISTON		0121.009	
1347	PRESSURE RING LP		0142.030	

1348	PRESSURE RING HP		0141.051	
1349	GUIDE RING LP		0143.021	
1350	GUIDE RING HP		0143.017	
1351	1ST STAGE DELIVERY VALVE ASSY.	104.BSV4	VBS4-104-26	
1352	1ST STAGE SUCTION VALVE ASSY.	104.BSV4	UBS4-104-27	
1353	2ND STAGE DELIVERY VALVE ASSY.	62 BSV3	VBS3-62-4	
1354	MENTAL BEARING		0029.030	
1355	SCRAPER COLLAR		0209.004	
1356	PARKING RING MALE		0210.009	
1357	PARKING RING FEMALE		0104.044	
1358	GLAND ASSY.		00138.075	
1359	OIL PUMP ASSY.		0013.001	
1360	CONNECTING ROD ASSY.		0025.063	
1361	CROSS HEAD		0133.012	
1362	CONNECTING ROD		0025.062	
1363	GLAND ASSY.		0138.061	
1364	PISTON ROD		0134.024	
1365	LANTERN		0114.021	
1366	UNLOADER FORK		1057.012	
1367	UNLOADER FORK		0157.013	
1368	CYLINDER BODY		0070.110	
1369	CYLINDER LINER		0071.041	
1370	CYLINDER LINER		0071.040	

1371	CRANK SHAFT		002.035	
1372	CYLINDER HEAD		0041.063	
1373	CRANK CASE		0001.042	
1374	CYLINDER SLIDING BUSH		0071.030	
1375	SUPPORTING BUSH		0208.013	
1376	GLAND COVER		0110.004	
1377	GASKET		0007.258	
1378	CUSHION PLATE		VB53-62-110	
1379	VALVE SEAT		VBS3-62-112	
1380	SPRING WASHER		VBS3-62-113	
1381	BOLSTERING PLATE		VBS3-62-114	

**COMPAIR BROOMWADE AIR COMPRESSOR SPARE PARTS  
(BW2D & L, BW4D & L, 500/750/1000 VMD)**

S/N	DESCRIPTION		PART NO.	
1382	CRANK SHAFT ASSY		C11361/30	
1383	FAN BLADE ASSY.		C11361/47	
1384	PRESSURE RING		C11545/10	
1385	GUIDE RING		C11545/11	
1386	PRESSURE RING		C11545/6	
1387	GUIDE RING		C11545/7	
1388	THRUST WASHER		C11359/13 A&B	
1389	HALF LINER		C11359/136	

1390	OIL SEAL FOR GLAND ASSY.		A6450/100	
1391	SCRAPER RING		C11544/66	
1392	WIPER RING		C11544/65	
1393	VALVE JOINT RING		C11389/15	
1394	DELIVERY VALVE ASSY.		C11389/33	
1395	SUCTION VALVE ASSY.		C11389/34	
1396	PISTON BODY ASSY. HP		C11545/5	
1397	PISTON BODY ASSY.		C11545/44	
1398	OIL PUMP ASSY.		C11359/74A	
1399	OIL FILTER		C9826/35	
1401	OIL PUMP BUSH		A1479/34	
1402	CYLINDER HEAD		C11359/131	
1403	LANTERN DELIVERY VALVE ASSY.		C11359/371	
1404	DIAPHRAGM FOLLOWER		C11544/76	
1405	LANTERN COVER		C11545/39	
1406	CYLINDER HEAD		C11359/130	
1407	PRESSURE GAUGE		A2777/53	
1408	AIR GOVERNOR ASSY.		C11600/SU3	
1409	MAIN BEARING BUSH		C11359/12	
1410	LANTERN O-RING		A10347/2	
1411	CYLINDER O-RING		A10349/17	
1412	CYLINDER O-RING		A10349/19	
1413	GLAND ASSY.		C11544/98	

1414	DIAPHRAGM		C11359/310	
1415	SUCTION MANIFOLD ASSY.		C11547/6	
1416	CONNECTING ROD ASSY.		C11359/39B	
1417	TOOTHED BELT		A10300/1	
1418	AUTO DRAIN VALVE ASSY.		C11359/333	
1419	OIL SEAL FOR CRANK SHAFT		A6450/93	
1420	AIR FILTER ELEMENT		A10300/36	
1421	INTERCOOLER		C11159/51	
1422	GUIDE SLEEVE		C11544/23	
1423	GUIDE SLEEVE		C11544/24	
1424	FAN GUARD ASSY.		C11361/34	
1425	FAN BLADE		C11361/48	
1426	LANTERN BUSH		A10218/1	
1427	BEARING HOUSING ASSY.		C11359/73	
1428	BEARING HOUSING ASSY.		C11359/72	
1429	DISTANCE PIECE		C11544/21	
1430	CRANK CASE		C11546/15	
1431	DISTANCE PIECE		C11544/22	
1432	BEARING HOUSING		C11359/27	
1433	BEARING HOUSING		C1139/28	
1434	HP CYLINDER ASSY.		C11545/14	
1435	LP CYLINDER ASSY.		C11545/15	
1436	OIL LEVEL DIPSTICK		C11359/305	

1437	OIL FILTER ASSY.		C11359/306	
1438	DOOR		C3839/101	
1439	FUSIBLE PLUG		A1451/4	
1440	DELIVERY MANIFOLD		C11362/36	
1441	TEMPERATURE/PRESSURE PROTECTION SWITCH		A10301/70	
1442	RELIEF VALVE		A1461/35	
1443	MANIFOLD		C11546/5	
1444	CRANK CASE		C11359/394	
1445	CYLINDER 1ST STAGE		C11359/6	
1446	PLATE RETAINING		C11359/401	
1447	PLATE MOUNTING		C11359/400	
1448	FLY WHEEL		C11361/28	
1449	FLY WHEEL		C11362/20	
1450	PISTON 1ST STAGE		C11359/412	
1451	PISTON 2ND STAGE		C11359/16	
1452	CRANK SHAFT WITH BALANCING WEIGHTS		C11359/137	
1453	FILTER/SILENCER		C11359/364	
1454	MOTOR & KEY - 40hp 415V		C20043/381	
1455	PISTON		C11544/68	
1456	LP PISTON ASSY.		C11544/16	
1457	HP PISTON ASSY.		C11544/104	
1458	CRANK SHAFT ASSY.		C11546/3	
1459	CRANK SHAFT		C11362/21	



1460	BALANCE WEIGHT		C11546/8	
1461	CYLINDER HEAD		C11360/44	
1462	CYLINDER HEAD		C11359/132	
1463	SUCTION VALVE ASSY.		C11389/32	
1464	DELIVERY VALVE ASSY.		C11389/31	
1465	LANTERN RETAINING PLATE		C11359/143	
1466	PRESSURE RING		C11544/117	
1467	GUIDE RING		C11544/12	
1468	PRESSURE RING		C11544/18	
1469	GUIDE RING		C11544/19	
1470	O-RING		A10347/9	
1471	JOINT VALVE RING		C11389/14	
1472	RING COMPRESSION		C11359/292	
1473	RING OIL CONTROL		C11359/249	
1474	RING OIL CONTROL		C11359/250	
1475	RING COMPRESSOR		C11359/291	
1476	COMPLETE SET OF JOINTS		C11158/5277	
1477	RING, PRESSURE		CD651/28	
1478	RING , GUIDE		CD651/13	
1479	9RING, PISTON		C2916/90	
1480	RING, SEGMENTED SET		C11158/178	
1481	CYLINDER HEAD ASSY.		C10059/72	
1482	CYLINDER DOOR		C11308/35	

1483	CROSS HEAD GUIDE BLOCK		C1159/133	
1484	FLY WHEEL 8-5/8 IN GROOVE		C3936/24	
1485	OIL PUMP ASSY.		C10129/106	
1486	KEY		A3769/70	
1487	OIL SEAL		A6450/83	
1488	MAIN BEARING		C10703/3	
1489	MAIN BEARING		C2357/38	
1490	TAB WASHER		C3979/24	
1491	CRANK CASE DOOR		C2711/46	
1492	CRANK CASE		C10059/89	
1493	CYLINDER BLOCK ASSY.		C11164/4	
1494	COVER, END		C3561/1	
1495	OIL FILTER PLATE		C3561/3A	
1496	GLAND PLATE		C10059/31	
1497	EXPANSION PLUG		A1455/13	
1498	AIR INTAKE FILTER		C10664/1	
1499	AIR INTAKE FILTER ELEMENT		C11158/121	
1500	OIL PUMP PLUNGER		C3933/26	
1501	BUSH		C3990/3	
1502	OSCILLATING CYLINDER		C3315/46	
1503	SMALL END BUSH		C10059/18B	
1504	BIG END BEARING		C3979/4	
1505	MAIN BEARING		C2357/26	

1506	CRANK SHAFT ASSY.		C10129/77	
1507	OIL PUMP BODY		C3561/2A	
1508	ROD PISTON		C10059/138	
1509	CROSS HEAD PIN		C11158/5292	
1510	CROSS HEAD SPLIT PIN		A3762/21	
1511	LOCKING PEG		C1005/96	
1512	SUCTION VALVE ASSY.		C11552/17	
1513	DELIVERY VALVE ASSY.		C11552/18	
1514	OIL REGULATOR		C3080C	
1515	PISTON ASSY.		C10059/50	
1516	SCRAPER GLAND		C1158/176	
1517	CARRIER RING		C11158/177	
1518	PISTON BODY		C10059/49	
1519	JUNK RING		C10059/11	
1520	TOP PLATE		C1159/5	
1521	JOINT DELIVERY VALVE COVER		C10059/43	
1522	JOINT CYLINER HEAD		C10059/41	
1523	SEAL "O"		A10252/341	
1524	OIL PUMP DOWEL		C4241/30	
1525	CRANK CASE ASSY.		C10578/117	
1526	CROSS HEAD GUIDE BLOCK		C10678/4	
1527	CYLINDER HEAD		C11307/6	
1528	CONNECTING ROD		C10578/41	

1529	BIG END BEARING HALF LINER		C10578/56	
1530	BIG END BEARING HALF LINER		C10578/30	
1531	BALANCE WEIGHT		C10578/12	
1532	HALF THRUST WASHER		A1413/552	
1533	CARBON PRESSURE RING		CD651/30	
1534	CARBON GUIDE RING		CD651/15/30	
1535	CARBON PRESSURE RING		CD651/55/30	
1536	MAIN BEARING BUSH		C10578/55/30	
1537	OIL SEAL		A6450/82	
1538	BOLT		C2249/18	
1539	DELIVERY VALVE ASSY.		C11304/279	
1540	SUCTION VALVE ASSY.		C11304/280	
1541	PISTON BODY		C10678/5	
1542	GLAND ASSY.		C11308/37	
1543	SCRAPER RING PAIR		C11308/40	
1544	SPACER		C11308/38	
1545	PLUNGER		C3573/12	
1546	OSCILLATING CYLINDER		C10578/17	
1547	CROSS HEAD PIN		C10678/8	
1548	DIAPHRAGM		C10578/144	
1549	HEAD UNLOADER		C10578/180	
1550	PISTON ROD/ CROSSHEAD		C11308/11	
1551	CRANK SHAFT ASSY.		C10578/39	

1552	CROSS HEAD		C11308/60	
1553	BEARING HOUSING		C11307/13	
1554	CRANK CASE DOOR		C2491/51	
1555	HEAD/FORK ASSY.		C11310/16	
1556	CYLINDER ASSY.		C11308/8	
1557	CRANKSHAFT		C10190/724	
1558	CROSS HEAD		C10190/694	
1559	CONNECTING ROD		C10190/208	
1560	HP GLAND ASSY.		C20001/3	
1561	HP PRESSURE RING		C20040/3	
1562	HP GUIDE RING		C20040/4	
1563	PISTON ROD		C10190/698	
1564	LOCKING PLATE		C10190/332	
1565	JOINT LP CYLINDER HEAD		C20000/11	
1566	BIG END BEARING		C10190/109	
1567	LP GLAND ASSY.		C20001/2	
1568	LP PRESSURE RING		C20040/1	
1569	LP GUIDE RING		C20040/2	
1570	LP PISTON ASSY.		C11321/8	
1571	LP DELIVERY VALVE		C11304/204	
1572	LP SUCTION VALVE		C11304/203	
1573	HP DELIVERY VALVE		C11304/3	
1574	HP SUCTION VALVE		C11304/4	

1575	VALVE COVER LP DELIVERY VALVE		C20000/6	
1576	VALVE COVER LP SUCTION VALVE		C20000/5	
1577	VALVE COVER HP, DELIVERY VALVE		C10540/217	
1578	SUCTION VALVE COVER HP, SUCTION VALVE		C10540/192	
1579	INTER COOLER ASSY.		C20010/23	
1580	AUTOMATIC AIR GOVERNOR ASSY.		3938B	
1581	MOISTURE SEPARATOR		CB7626	
1582	AFTER COOLER ASSY.		C11059	
1583	TUBE ELEMENT ASSY.		C11059/8	
1584	OIL PUMP ASSY.		C20011/13	
1585	LP CYLINDER ASSY.		C20001/6	
1586	HP CYLINDER ASSY.		C20001/9	
1587	DISTANCE PIECE		C20011/2	
1588	OIL FILTER		C10190/86	
1589	BEARING HOUSING		C20010/47	
1590	BEARING HOUSING		C10190/637	
1591	OIL SEAL		A6450/104	
1592	MAIN BEARING BUSH		C10190/588	
1593	THRUST WASHER		C10190/590	
1594	HP CYLINDER HEAD ASSY.		C10500/217	
1595	CRANK CASE DOOR		C10190/85	
1596	CRANK CASE		C20010/55	
1597	SAFETY VALVE		A1461/55	

1598	RETAINER		C10530/315	
1599	BODY MOISTURE SEPARATOR		C10190/538	
1600	DRAIN TRAP		A1413/734	
1601	COMPLETE SET OF JOINTS		C11158/5314	
1602	CROSS HEAD GUIDE		C10190/423	
1603	HP PISTON ASSY.		C11321/9	
1604	DIPSTICK HOLDER		C10190/111	
1605	PARALLEL KEY		C10190/333	
1606	RELIEF VALVE		C10190/702	
1607	GEAR HOUSING COVER ASSY.		C20010/30	
1608	PUMP GEAR AND DRIVE SHAFT		C20010/49	
1609	WODDRUFF KEY		A3770/5	
1610	SPINDLE DRIVEN GEAR		C10190/69	
1611	FILTER ELEMENT		CB7617/6A	
1612	DIAPHRAGM		C20000/37	
1613	DIAPHRAGM FOLLOWER		C20021/36	

**INGERSOLL RAND AIR COMPRESSOR SPARE PARTS  
( ML, MM, MJ55, CVIA, IRHE481, IRAC481, ML90/150)**

<b>S/N</b>	<b>DESCRIPTION</b>	<b>DIMENSION</b>	<b>PART NO.</b>	
1614	VALVE CHECK 3INCH		39477674	
1615	GASKET DISCHARGE		39326228	
1616	OIL FILTER		399911631	

1617	INDICATOR AIR FILTER		70180856	
1618	ELEMENT SEPARATOR		54601513	
1619	OIL FILTER ELEMENT		39259668	
1620	COOLANT FILTER		54672654	
1621	PRIMARY AIR FIILTER(14SP384)		CNP 42951707	
1622	SECONDARY AIR FILTER(14SP383)		CNP2951681	
1623	FILTER ELEMENT		88343306	
1624	FILTER ELEMENT		88343363	
1625	COOLANT FILTER ELEMENT		399166131	
1626	ULTRA COOLANT OIL		92692292	
1627	KIT, AIR END REBUILD		92729268	
1628	SEAL 3000" SHAFT		39311501	
1629	SLEEVE		39402300	
1630	GASKET, GEAR CASE TO MOTO		35251016	
1631	GASKET SEAL HOUSING		39454566	
1632	GASKET, GEAR CASE		35572494	
1633	GASKET		39454533	
1634	UNIREX N3 GREASE		121530-16KG	
1635	ELEMENT SEPARATOR		92765783	
1636	ELEMENT, FILTER -COOLANT		92740943	
1637	ELEMENT, AIR FILTER		39708466	
1638	COOLANT -ULTRA 20 LITERS		38459582	
1639	VALVE BLOWDOWN(92761568)		92933100	



1640	VALVE LOAD SOLENOID		89292551	
1641	VALVE MIN. PRESSURE		39136999	
1642	VALVE SOLENOID 3 WAY		92904853	
1643	VALVE SOLENOID		92715366	
1644	SWITCH PRESSURE		92926021	
1645	ELBOW		92715069	
1646	ELBOW		92717594	
1647	ADAOTOR		92769447	
1648	TUBE, NYLON PER METER		92304799	
1649	TUBE METERS		92490358	
1650	SWITCH TEMPEARATURE		39438536	
1651	SWITCH, TEMPERATURE		39428305	
1652	CONNECTOR KIT		92834662	
1653	HOSE, INJECTION		92767953	
1654	HOSE, BY PASS W/C		92771336	
1655	HOSE ASSY.		92706449	
1656	FILTER BREATHER		92035575	
1657	GAUGE		92741016	
1658	VALVE		39113311	
1659	REG. REPAIR KIT		92748904	
1660	CYLINDER HYDRAULIC		39413182	
1661	O-RING		92032846	
1662	KIT SEAL/GASKET		92748920	

1663	RENEWAL KIT		92535400	
1664	VALVE AUTO DRAIN		92754092	
1665	VALVE SAFETY		92539014	
1666	ELEMENT AIR		92035948	
1667	ELEMENT SAFETY		92035955	
1668	BEARING DRIVE END		928892706	
1669	BEARING NON DRIVE END		928892714	

**ATLAS COPCO AIR COMPRESSOR SPARE PARTS(CZT22,GA55)**

	DESCRIPTION	DIMENSION	PART NO.	
1670	OIL SEPARATOR		1613984001	
1671	AIR FILTER ELEMENT		1613950100	
1672	OIL FILTER		1613610500	
1673	PREV.MAINTENEANCE KIT		2901108500	
1674	WATER SEPARATOR KIT		2901084500	
1675	MIN. PRESSURE VALVE		2901021800	
1676	OIL STOP VALVE CHECK VALVE KIT		2901108400	
1677	UNLOADER PISTON RING		1613726200	
1678	UNLOADER O- RING		663714400	
1679	COMPR. ELEMENT O/H KIT		290108900	
1680	LOW PRESSURE ELEMENT		1616-5473-7	
1681	HIGH PRESSUE ELEMENT		1616-7101-81	
1682	OIL PUMP		1613-4121-00	

1683	KEY(1616-6294-00)		1616-5574-00	
1684	DRIVE SHAFT		1202 8382-00	
1685	OIL FILTER		1030-0882-00	
1686	ECCENTRIC RING		1163-4120-00	
1687	CHECK VALVE		1613572680	
1688	DIAPHRAGM		1613571900	
1689	GASKET		1613572300	
1690	MEMBRANE		1613403600	
1691	BEARING		0500451027	
1692	HOSE ASSEMBLY		0574840105	
1693	HOSE ASSEMBLY		0574840110	
1694	SOLENOID VALVE		1089057512	
1695	PRESSURE SENSOR		1089057511	
1696	PRESSURE SENSOR			
1697	TEMPERATURE		1089057405	
1698	FLEXIBLE		1613567600	
1699	HOSE ASSEMBLY		0574823534	
1700	INTER & AFTER COOLER SERV. KITS		2906001100	
1701	WASHER		0653112400	
1702	O-RING		0663210187	
1703	O-RING		0663313700	
1704	O-RING		0663987000	
1705	CHECK VALVE		2906000900	

1706	BUSH		0500451025	
1707	BUSH		0500451028	
1708	O-RING		0663613800	
1709	O-RING		0663713600	
1710	SEAT		1613572700	
1711	SPRING		1613572800	
1712	VALVE		1614720700	
1713	COUPLING SLEEVE		1615436200	
1714	COUPLING SLEEVE		613958500	
1715	WATER SEPARATOR		2900101700	
1716	BAIL BEARING		0502211100	
1717	O-RING		0663614300	
1718	O-RING		0663927600	
1719	PIN		0102024200	

### BELLISS & MORCOM AIR COMPRESSOR SPARE PARTS WH28H3N

S/N	DESCRIPTION	DIMENSION	PART NO.	
1720	1ST STAGE TOP COVER GASKET		PSB008-001	
1721	3RD STAGE TOP COVER GASKET		PSB008-044	
1722	3RD STAGE PISTON WRG PARTS		2-64-407WP	
1723	PISTON ROD SCRAPER WEARING PARTS		PSB032-004	
1724	3RD STAGE PISTON RINGS		PSB022-054	
1725	3RD STAGE RIDER RING		PSB022-055	
1726	PISTON ROD PISTON NUT		PSB002-010	

1727	1ST/2ND STAGE VALVE PLATE		PSB027-014	
1728	3RD STAGE VALVE PLATE		PSB027-006	
1729	1ST/2ND STAGE VALVE CUSHION PLATE		PSB027-015	
1730	3RD STAGE VALVE CUSHION PLATE		PSB027-007	
1731	1ST/2ND STAGE SUCTION VALVE SPRING		PSB027-018	
1732	1ST STAGE DELIVERY VALVE SPRING		PSB029-077	
1733	3RD STAGE SUCTION VALVE DAMPING		PSB027-011	
1734	3RD STAGE DELIVERY VALVE CLOSING RING		PSB029-006	
1735	3RD STAGE DELIVERY VALVE DAMPING		PSB027-010	
1736	3RD STAGE UNLOADER CIRCLIP		PSB027-125	
1737	1ST STAGE SUCTION VALVE COMPLETE		PSB027-001	
1738	1ST STAGE DELIVERY VALVE COMPLETE		PSB029-083	
1739	2ND STAGE DELIVERY VALVE COMPLETE		PSB029-066	
1740	3RD STAGE SUCTION VALVE COMPLETE		PSB027-013	
1741	3RD STAGE DELIVERY VALVE COMPLETE		PSB029-058	
1742	CONNECTING ROD BUSHING TOP BEARING		PSB014-005	
1743	BOTTOM END BEARING SHELL		PSB014-004	
1744	UNLOADER CIRCLIP		PSB027-024	
1745	SPLIT PIN		NSBP220-025	
1746	BLOWDOWN VALVE (3RD STAGE)		PSB012-063	
1747	1 <sup>ST</sup> STAGE PISTON RING (425.45QAP13-28-62)		PSB022-001	

1748	IST STAGE RIDER RING 425.45QAP13-28-62		PSB022-005	
1749	2 <sup>ND</sup> STAGE PISTON RING		PSB022-003	
1750	2 <sup>ND</sup> STAGE RIDER RING (V&W)		PSB022-007	
1751	3 <sup>RD</sup> STAGE PISTON RING 6.5" DIA PIST		CC1037746	
1752	3 <sup>RD</sup> STAGE RIDER RING 6.5" DIA PIST		CC1037747	
1753	1 <sup>ST</sup> STAGE CYLINDER TOP COVER JOINT		2-01-882-02	
1754	2 <sup>ND</sup> STAGE CYLINDER TOP COVER GASKET		2-01-432-05	
1755	3 <sup>RD</sup> STAGE CYLINDER TOP COVER GASKET		CC1003129	
1756	3 <sup>RD</sup> STAGE TOP CCOVER O-RING		PSB006-008	
1757	O-RING INTERNAL DIA 5.734 SECTION D		MB133-48	
1758	ORING INTERNAL DIA 5.109" SECTION D		MB133-49	
1759	O-RING INTERNAL DIA 4.484" SECTION D		MB133-55	
1760	O-RING INTERNAL DIA4.734" SECTION D		MB133-56	
1761	P R WRG PARTS SET		PSB032-007	
1762	SPARE WEARING PARTS		CC1011486	
1763	C/CASE DOOR GASKET QAP13-123-76		PSB008-027	
1764	C/CASE GUIDE JOINT QAP13-123-71		PSB008-006	
1765	MAIN GUIDE LOOSE PLATE GASKET		PSB008-015	
1766	PISTON ROD SCRAPPER BOX GASKET		PSB008-016	
1767	3 <sup>RD</sup> STAGE PISTON ROD PACKINGS (ELP		CC1037750	
1768	INLET AIR FILTER ELEMENT QAP13-86-5		ASB511-005	

1769	GDF FINAL AIR FILTER		GDF-P10/30	
1770	GDU FINAL AIR FILTER		GDU-P 10/30	
1771	GDK FINAL AIR FILTER		GDK-P10/30	
1772	OIL SUCTION STRAINER		PSB025-005	
1773	OIL FILTER ELEMENT QAP13-112-8		PSB025-010	
1774	OIL FILTER ELEMENT JOINT RING		PSB025-006	
1775	DIAPHRAGH MZ100 QAP13-108-25		PSB028-003	
1776	PACKING BOX		2-64-415-01	
1777	1ST STAGE VALVE CAGE O-RING		PSB006-018	
1778	1ST STAGE AIR OUTLET GASKTE		2-01-570-04	
1779	2ND STAGE / 3RD STAG GASKET		2-01-571-02	
1780	2ND STAGE INLET GASKTE		2-01-571-04	
1781	2ND STAGE OUTLET GASKET		2-01-570-05	
1782	2ND STAGE VALVE CAGE O-RING		PSB006-013	
1783	2ND STAGE INLOADER ACTUATOR		PSB028-019	
1784	3RD STAGE SUCTION VALVE CAGE O-RING		2070-215-02	
1785	3RD STAGE DELIVERY VALVE O-RING		2-70-216-02	
1786	3RD STAGE INLET & OUTLET GASKET		2-04-304-02	
1787	3RD STAGE INLOADER ACTUATOR		PSB032-012	
1788	OIL FILTER		PSB025-003	
1789	AIR FILTER		ASB511-018	
1790	WATER FLOW METER		ABS525-004	

**ATELIER FRANCOIS (AF) AIR COMPRESSOR SPARE PARTS  
(CE46A, CE24B, CE46A)**

<b>S/N</b>	<b>DESCRIPTION</b>	<b>DIMENSION</b>	<b>PART NO.</b>	
1781	GASKET		20J31053/542	
1792	GASKET		20J309A90957	
1793	JOINT GRAPH CY12 ENTRETOISE		20J30953/589	
1794	GASKET		20J300A7030/2	
1795	SPLIT PIN		20G52417108140	
1796	O-RING		20J314A842021	
1797	GASKET		20J300A6112	
1798	SET OF SCRAPPER RINGS		20B108A7005/2	
1799	SEALING RING		20B105A7498/1	
1800	PACKING BOX GASKET		20B520A7005/4	
1801	PISTON COMPRESSION RING – TEFLON		20S241028	
1802	RIDER RING		20S243022/1	
1803	COMPRESSION RING		20S241072W	
1804	RIDER RING		20S243A882013 W	
1805	SEALING RING –RUBBER		20B105A4524/1	
1806	O-RING		20J314A6100/1	
1807	O-RING		20J314A6100	
1808	GASKET		20J312A6006	
1809	GASKET		20J300A6041/1	



1810	SOCKET- ALUMINIUM		20D311KZ1026	
1811	GASKET-RUBBER		20J300KZ7269	
1812	GASKET		20J300A7030/1	
1813	SEAL WASHER – RUBBER		20R556A123/2	
1814	GASKET		73J300A98015	
1815	REPAIR KIT – RUBBER STAINLESS STEEL		20K101A7499/3	
1816	KIT OUTLET VALVE –RUBBER STAINLESS ST		20K103A7499/4	
1817	REPAIR KIT – RUBBER		20K101A7491/1	
1818	REPAIR KIT – RUBBER STAINLESS STEEL		20K103A7491/3	
1819	GASKET – GRAPHITE		20J309059	
1820	GASKET – KLINGERIT		20J300A8502/0	
1821	PIN – STEEL		20G52417108160	
1822	O-RING –NITRITE		20J314036	
1823	GASKET – NITRITE		20J314A6000/3	
1824	OIL SCRAPPER SET (3)		20B108A7400/5	
1825	SEALING RING – TEFLON		20B105A37655	
1826	GASKET – ALUMINIUM		20J300A8501/3	
1827	COMPRESSION RING TEFLON		20S241A7476	
1828	RIDER RING – TEFLON		20S243A8502/9	
1829	O –RING - VITON		20J314A842053	
1830	GASKET -COOPER		20J312A6046/1	
1831	GASKET		20J30953/593	
1832	SEALING RING – RUBBER		20B105A4524/1D	

			80	
1833	SEAL RING – RUBBER		20B105A4524/2V D80	
1834	DIAPHRAGM – RUBBER		20M3208654459 2	
1835	INLET VALVE –STAINLESS STEEL		20S471A7480WD E	
1836	DISCHARGE VALVE STAINLESS STEEL		20S473A7479WD E	
1837	SUCTION VALVE – STAINLESS STEEL		20S471A48421	
1838	DISCHARGE VALVE STAINLESS STEEL		20S473A48431	
1839	INLET VALVE STAINLESS STEEL		20S471A4040WE	
1840	OUTLET VALVE STAINLESS STEEL		20S473A4041WE	
1841	SPARE PART BEKO 13-RUBBER STEEL		20P500BEK13/45	
1842	O-RING		7FJ31478002219	
1843	PRESSURE GAUGE STAINLESS STEEL – COPP		20M200A419/1@ 40	
1844	PRESSURE GAUGE STAINLESS STEEL – COPP		20M200A404	
1845	THERMOMETER – COPPER STAINLESS STEEL		20T300A565	
1846	TEMPERATURE INDICATOR		7FT31099728282	
1847	PRESSURE SWITCH		7FP61099550150	
1848	DIAPHRAGM RELEASER		2M320MSC34892	

1849	SEALING RING		20B105GGV3309 73	
1850	GASKET CYLINDER HEAD		20J309064	
1851	COMPRESSOR RING 2ND		20S241A4691	
1852	RIDER RING 2ND		20S243026	
1853	COMPRESSOR RING 3RD		20S241065W	
1854	RIDER RING 3RD		20S243040WM	
1855	GASKET OUTLET COOLER 2ND		20B105A4524/2V	
1856	GASKET ENTRY COOLER FINAL (BRIDE)		20J309A90962	
1857	GASKET COOLER VALVE 2ND		20J312A6048	
1858	O-RING COVER VALVE 3RD		20J314023	
1859	GASKET COPPER VALVE 3RD		20J312A6027	
1860	DIAPHRAGM RELEASER 2ND		20M3286544592	
1861	DIAPHRAGM RELEASER 3RD		20M320MSC3489 2	
1862	GUIDE RING RELEASER 3RD		20B700BP32884	
1863	SEALING RING RELEASER 3RD		20B105GGV3097 3	
1864	GASKET INSPECTION DOOR CRANKCASE		20J300A8501/4	
1865	CARTRIDGE FILTER INLET COMPRESSOR		20C171023	
1866	CARTRIDGE FILTER ENTRY DRYER		7FE331E9-32-11	
1867	BELTS		20C7914SPC5000	
1868	SEPARATOR		20J309A90958	

**ARIZAGA BASTARRICA Y CIA (ABC) AIR COMPRESSOR SPARE PARTS**

<b>S/N</b>	<b>DESCRIPTION</b>	<b>DIMENSION</b>	<b>PART NO.</b>	
1869	PISTON RING		3831770	
1870	PISTON RING		3831780	
1871	PISTON RING		3831570	
1872	PISTON RING		3831580	
1873	PISTON RING		3831590	
1874	PISTON RING		3831440	
1875	PISTON RING		3831450	
1876	PISTON RING		3831400	
1877	PISTON RING		3831410	
1878	SUCTION VALVE		3944700	
1879	EXHAUST VALVE		3943900	
1880	SUCTION VALVE		3942910	
1881	EXHAUST VALVE		3943910	
1882	SUCTION VALVE		3942810	
1883	EXHAUST VALVE		3943920	
1884	SUCTION VALVE		3944440	
1885	EXHAUST VALVE		3945520	
1826	RING		3037760	
1887	JOINT SET		3539490	
1888	JOINT SET		3539450	
1889	JOINT SET		3539420	

1890	JOINT SET		3539410	
1891	JOINT SET		3539620	
1892	JOINT SET		3539890	
1893	JOINT SET		3540080	
1894	JOINT SET		3541080	
1895	JOINT SET		3540030	
1896	FILTER CARTRIDGE		3312130	
1897	FILTER		4372580	
1898	JOINT		3573670	
1899	JOINT		3573690	
1900	RING		3037560	
1901	RING		3037570	
1902	RING		3037500	
1903	MEMBRANE		3637060	
1904	SPRING		3648030	
1905	GRID		3798050	
1906	SPRING		3648210	
1907	SUCTION VALVE		8242618	
1908	SUCTION VALVE		8236646	
1909	SUCTION VALVE		8770580	
1910	SUCTION VALVE		8022012	
1911	EXHAUST VALVE		8856890	
1912	EXHAUST VALVE		8943690	

1913	EXHAUST VALVE		8949467	
1914	EXHAUST VALVE		8990624	
1915	JOINT		8659779	
1916	JOINT		8983242	
1917	JOINT		8379401	
1918	JOINT		8046135	
1919	NOZZLE		3710100	
1920	HEAD		3409790	
1921	JOINT		8823488	
1922	BUSH		3162620	
1923	PISTON		3706580	
1924	PISTON RING		8312678	
1924	PISTON RING		8971527	
1925	NUT		3927790	
1926	ROD		4955640	
1927	WASHER		3042120	
1928	BUSH		3162630	
1929	BUSH		3162570	
1930	PISTON		3708350	
1931	PISTON		3709190	
1932	SUCTION VALVE		8430114	
1933	SUCTION VALVE		8898319	
1934	EXHAUST VALVE		8116298	

1935	EXHAUST VALVE		8123306	
1936	EXHAUST VALVE		8089559	
1937	JOINT		8983246	
1938	FILTER		4375540	
1939	PACKING SET		3324370	
1940	PACKING SET		3324330	
1941	PACKING SET		3324470	
1942	PACKING SET		3324750	
1943	PACKING SET		3324740	
1944	DISCHARGE VALVE COVER		3881650	
1945	JOINT SET		2539490	
1946	JOINT		3573690	
1947	SPRING		3649030	