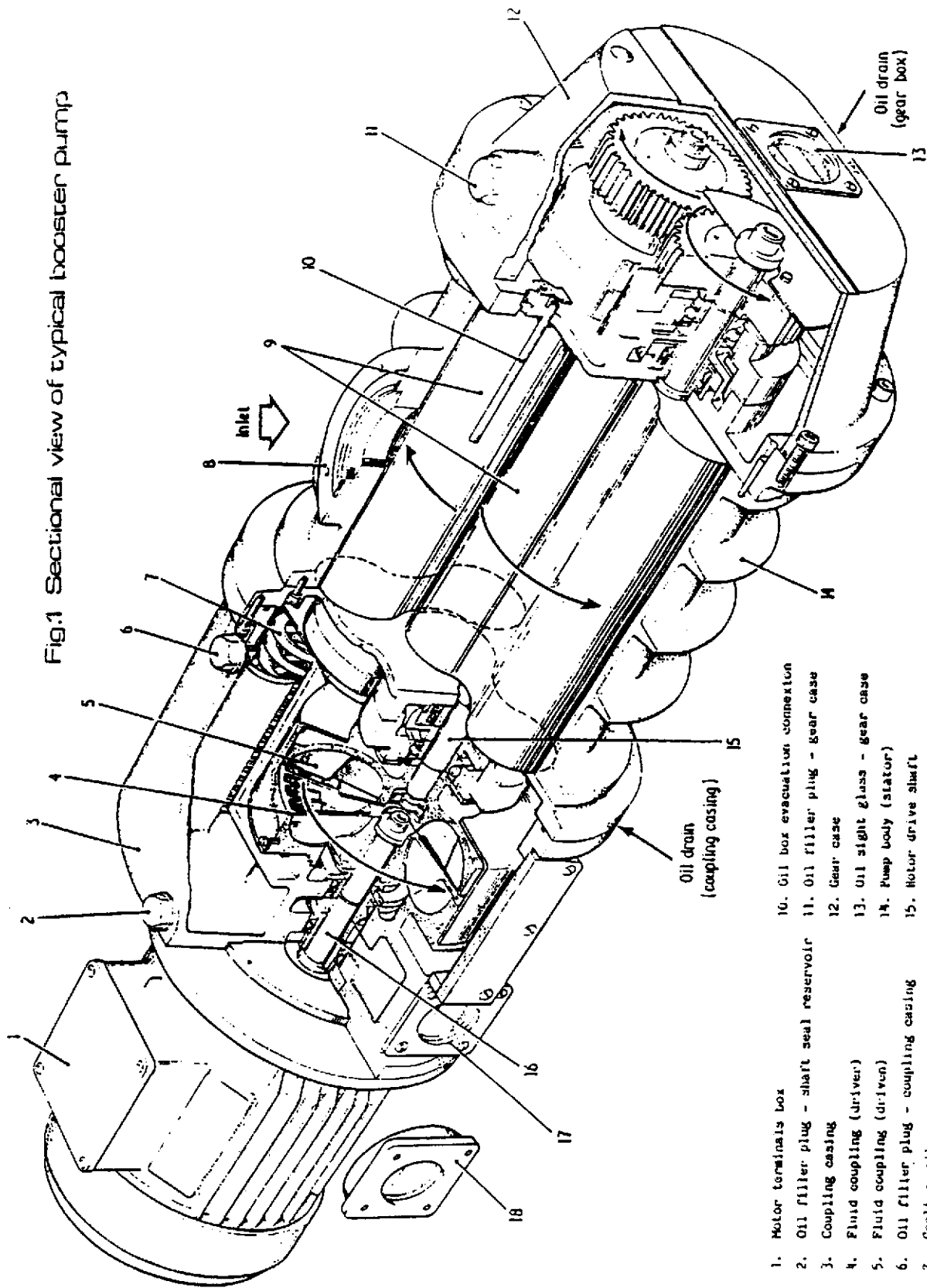


Fig.1 Sectional view of typical booster pump



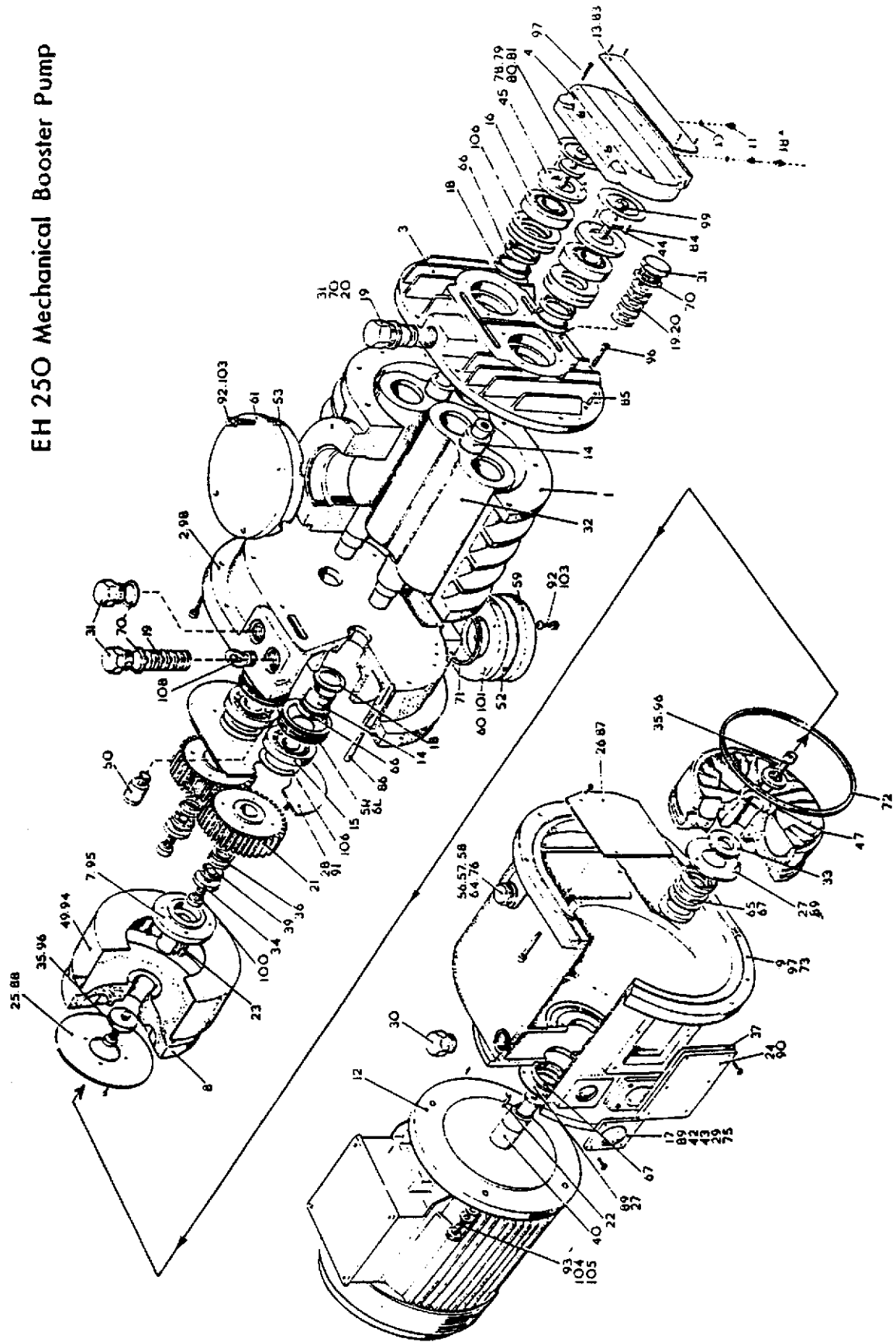
- | | |
|---|--|
| 1. Motor terminals box | 10. Oil box evacuation connexion |
| 2. Oil filler plug - shaft seal reservoir | 11. Oil filler plug - gear case |
| 3. Coupling casing | 12. Gear case |
| 4. Fluid coupling (driver) | 13. Oil sight glass - gear case |
| 5. Fluid coupling (driven) | 14. Pump body (stator) |
| 6. Oil filler plug - coupling casing | 15. Motor drive shaft |
| 7. Cooling coil | 16. Motor shaft |
| 8. Co-seal | 17. Oil sight glass - coupling casing |
| 9. Motor(s) | 18. Oil sight glass - shaft seal reservoir |

EH250 Mechanical Booster Pump - Parts List

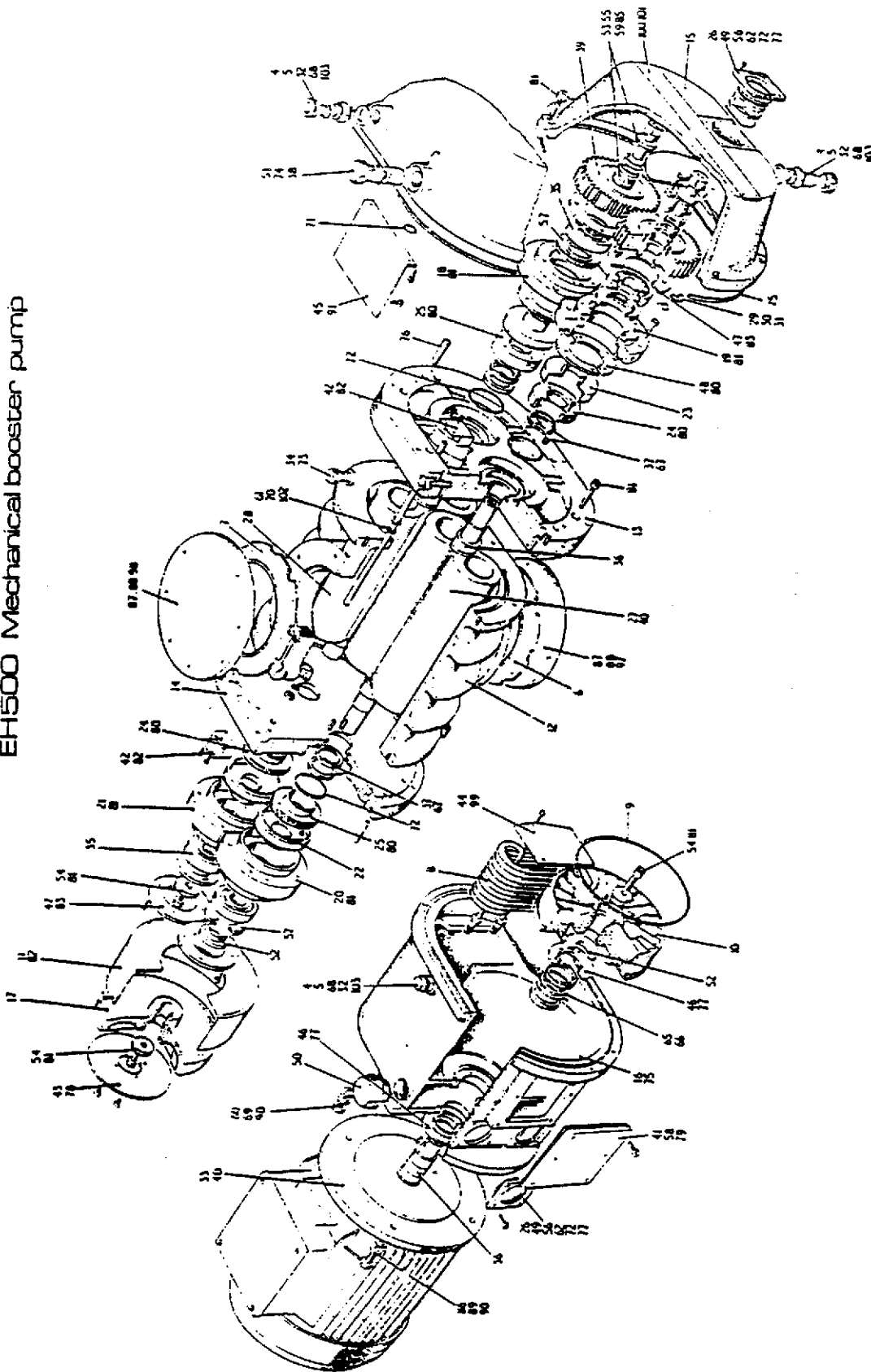
Item	Code No.	Description	Quantity
1	A30151001	Stator	1
2	A30151002	Headplate (Front)	1
3	A30151003	Headplate (Rear)	1
4	A30151004	End Cover	1
5	A30151005	Oil Thrower (Right Hand)	1
6	A30151006	Oil Thrower (Left Hand)	1
7	A30151007	Coupling Shaft	1
8	A30151008	Fluid Coupling (Driven)	1
9	A30151009	Coupling Cover	1
10	H02120009	Oil Ring	1
11	A26002009	Plug 3/8 BSP	4
12	A20001007	Motor	4
13	A20001007	Label	4
14	A20405001	Inner Ring	4
15	A20403009	Ball Bearing - 6304 RS	2
16	A20403010	Ball Bearing - 6304Z	2
17	A20416001	Sight Glass Bezel	2
18	A22102005	Dust Seal	4
19	A22302015	Filter	11
20	A22302016	Filter	2
21	A22903010	Gears	1 Pair
22	A24301005	Key	1
23	A24301014	Key	1
24	A25942001	Cover Plate	1
25	A25970007	Coupling Baffle	1
26	A25970008	Oil Reservoir Cover	1
27	A25971002	Seal Retainer	2
28	A25971016	Bearing Retainer	1
29	A25976001	Sight Glass Reflector	2
30	A26002002	Plug - 1/2in BSP (with vent hole)	1
31	A26002003	Plug 1/2in BSP	4
32	A26401045	Rotor	2
33	A26407002	Thrust Ring	2
34	A26407003	Thrust Ring	1
35	A26407004	Thrust Ring	2
36	A26440001	Locking Element	2
37	A27159500	Gasket	2 Pairs
38	A24601003	Nipple 3/8 BSP	1
39	A27801001	Clamp Ring	1
40	A27801006	Sleeve (Soft)	2
41			
42	A27820008	Compression Ring	2
43	A29201004	Sight Glass	2
44	A26407011	Thrust Ring	2
45	A26407012	Spacer	2
46			
47	A30251006	Fluid Coupling (Driver)	1
48			
49			
50	A30251021	Coupling Enclosure	1
51		Baffle Assembly	1
52	B27158057	Co Seal 40mm	1
53	B27158063	Co Seal 63mm	1
54			

Item	Code No	Description	Quantity
55			
56	C03400005	Union Nut	2
57	C03400007	Union Body	2
58	C03400011	Tailpiece	2
59	C10005040	ISO 40 Blank Flange	1
60	C10005099	Flange	1
61		Blanking Flange 63mm	1
62			
63	H02104004	Bonded Seal	2
64	H02109047	Back-up Washer	2
65	H02109052	Oil Seal	4
66			
67	H02109065	Oil Seal DPH 25-35-7 (Viton)	3
68			
69			
70	H02120061	Oil Ring	4
71	H02120077	Oil Ring	1
72	H02120099	Oil Ring	1
73	H02120112	Oil Ring	1
74			
75	H02125028	Oil Ring	4
76	H02125121	Oil Ring	2
77			
78	A27165008	Shim - 0.20 mm Thick	AS REQD.
79	A27165009	Shim - 0.25 mm Thick	AS REQD.
80	A27165010	Shim - 0.35 mm Thick	AS REQD.
81	A27165011	Shim - 0.40 mm Thick	AS REQD.
82			
83	211430301	Rivet	4
84	212170029	Spring Pin	4
85	212192016	Taper Pin	2
86	212192026	Taper Pin	2
87	218002328	Screw M5 x 10	3
88	218032288	Screw M4 x 10	4
89	218032328	Screw M5 x 10	14
90	218032330	Screw M5 x 16	6
91	218032369	Screw M6 x 12	8
92	218072413	Screw M8 x 30	8
93	218072452	Screw M10 x 25	4
94	218042287	Screw M4 x 8	6
95	218091370	Screw M6 x 16	4
96	218091371	Screw M6 x 20	12
97	218091372	Screw M6 x 25	17
98	218091375	Screw M6 x 40	9
99	218091412	Screw M8 x 25	2
100	218091452	Screw M10 x 25	2
101	218091411	Screw M8 x 20	4
102			
103	218980210	Washer M8	8
104	218980211	Washer M10	4
105	2189804011	Shakeproof Washer M10	4
106	2189804728	Pre-Load Waved Washer	8
107			
108	218790005	Eyebolt	1

EH 250 Mechanical Booster Pump



EH500 Mechanical booster pump

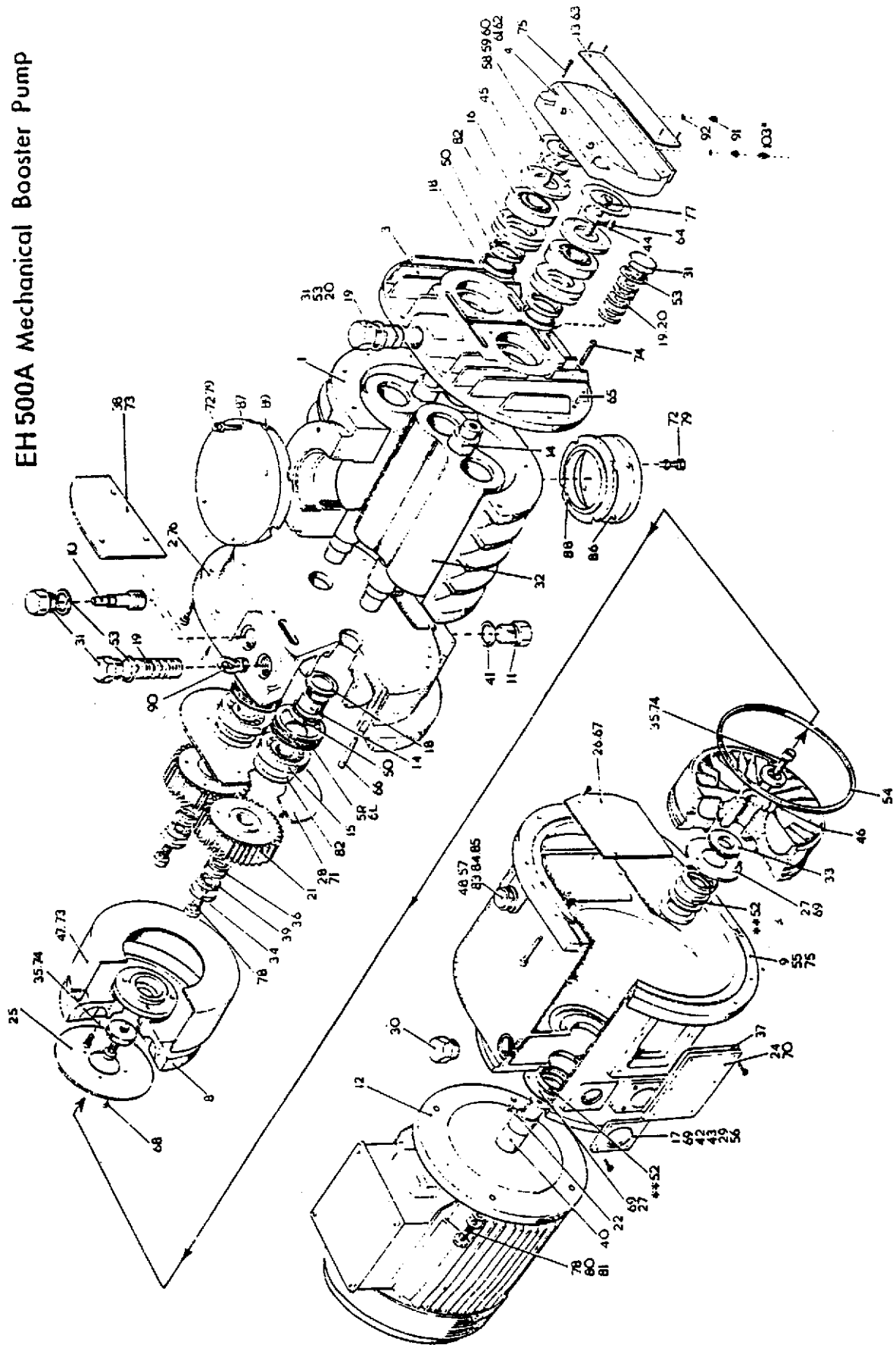


EH500 Mechanical booster pump -Parts list

Item	Code No.	Description	Quantity
1	-	-	-
2	-	-	-
3	-	-	-
4	C10340007	Vacuum Union Alternative Body	-
5	C10340011	Vacuum Union Blind (allpiece)	4
6	H27150023	63mm Co-Seal	4
7	H27150020	100mm Co-Seal	1
8	A30251010	Coupling Coll	1
9	-	O-ring	1
10	A30251006	Fluid Coupling - Driver Half	1
11	A30251009	Coupling Enclosure	1
12	A30251001	Stator	1
13	A30251002	Headplate - Gear End	1
14	A30251003	Headplate - Coupling End	1
15	A30251004	Gear Cover	1
16	A30251005	Coupling Cover	1
17	A30251007	Fluid Coupling - Driven Half	1
18	A30251011	Bearing Carrier - RH Gear End	1
19	A30251012	Bearing Carrier - LH Gear End	1
20	A30251013	Bearing Carrier - RH Coupling End	1
21	A30251014	Bearing Carrier - LH Coupling End	1
22	A30251015	Throw Ring - Coupling End	1
23	A30251016	Throw Ring - Gear End	2
24	A30251017	Seal Carrier - LH	2
25	A30251018	Seal Carrier - RH	2
26	A30251019	Sight Glass Hazer	3
27	A26401016	Rotor - Driver	1
28	A26401017	Rotor - Driven	1
29	A27165001	Shim - 0.05mm thickness	As required
30	A27165002	Shim - 0.10mm thickness	As required
31	A27165003	Shim - 0.25mm thickness	As required
32	C03400005	Union Nut	4
33	A07112003	Motor	1
34	A09000007	Plug	1
35	A20403006	Ball Bearing	1
36	A20405001	Inner Ring	4
37	A22302005	Dust Seal	7
38	A22302006	Filter	4
39	A22003004	Gears	1
40	A24301005	Key	1 pair
41	A25942001	Cover Plate	2
42	A25970020	Evacuation Baffle	1
43	A25970007	Coupling Baffle	2
44	A25970008	Oil Reservoir Cover	1
45	A25970009	Gear Cover Baffle	1
46	A25971002	Seal Retainer	1
47	A25971003	Bearing Retainer	2
48	A25971004	Retainer (2 halves)	4
49	A25976001	Sight Glass Reflector	2
50	A26002002	Plug	3
51	A26002003	Plug	1
52	A26002004	Plug	1

Item	Code No.	Description	Quantity
53	A26407003	Thrust Ring	2
54	A26407004	Thrust Ring	3
55	A26440001	Locking Element - Ringfeder	4 pairs
56	A26501011	Seal	3
57	218985235	Disc Spring	12
58	A27159500	Gasket	1
59	A27801001	Clamp Ring	2
60	A27802002	Spacer	2
61	A27804001	Evacuation Tube	1
62	A29201004	Sight Glass	3
63	-	-	-
64	A25970017	Oil Splasher	1
65	H02109046	Spiroseal	3
66	H02109047	Back-Up Washer	2
67	H02109052	Seal	4
68	H02105121	O-ring	4
69	H02120016	O-ring	2
70	H02120031	O-ring	2
71	H02120011	O-ring	1
72	H02120023	O-ring	7
73	H02120034	O-ring	1
74	H02120061	O-ring	1
75	H02120112	O-ring	2
76	212191043	Taper Pin	4
77	218032328	Screw	18
78	210032288	Screw	4
79	218032330	Screw	6
80	218091280	Screw	28
81	218091372	Screw	52
82	218002286	Screw	10
83	210002329	Screw	16
84	218002360	Screw	4
85	218031452	Screw	4
86	210072452	Screw	2
87	218072413	Screw	4
88	218980210	Washer	12
89	218980211	Washer	12
90	218984011	Washer	4
91	218980209	Washer	4
92	M01500009	Locknut	2
93	-	-	-
94	-	-	-
95	-	-	-
96	-	-	-
97	C10007040	Blanking Flange - ISO63	1
98	C10009040	Blanking Flange - ISO100	1
99	210002328	Screw	6
100	A20001059	Label	1
101	A09402040	Rivet	6
102	A26406001	Spacer	2
103	H02104004	Seal	4

EH 500A Mechanical Booster Pump



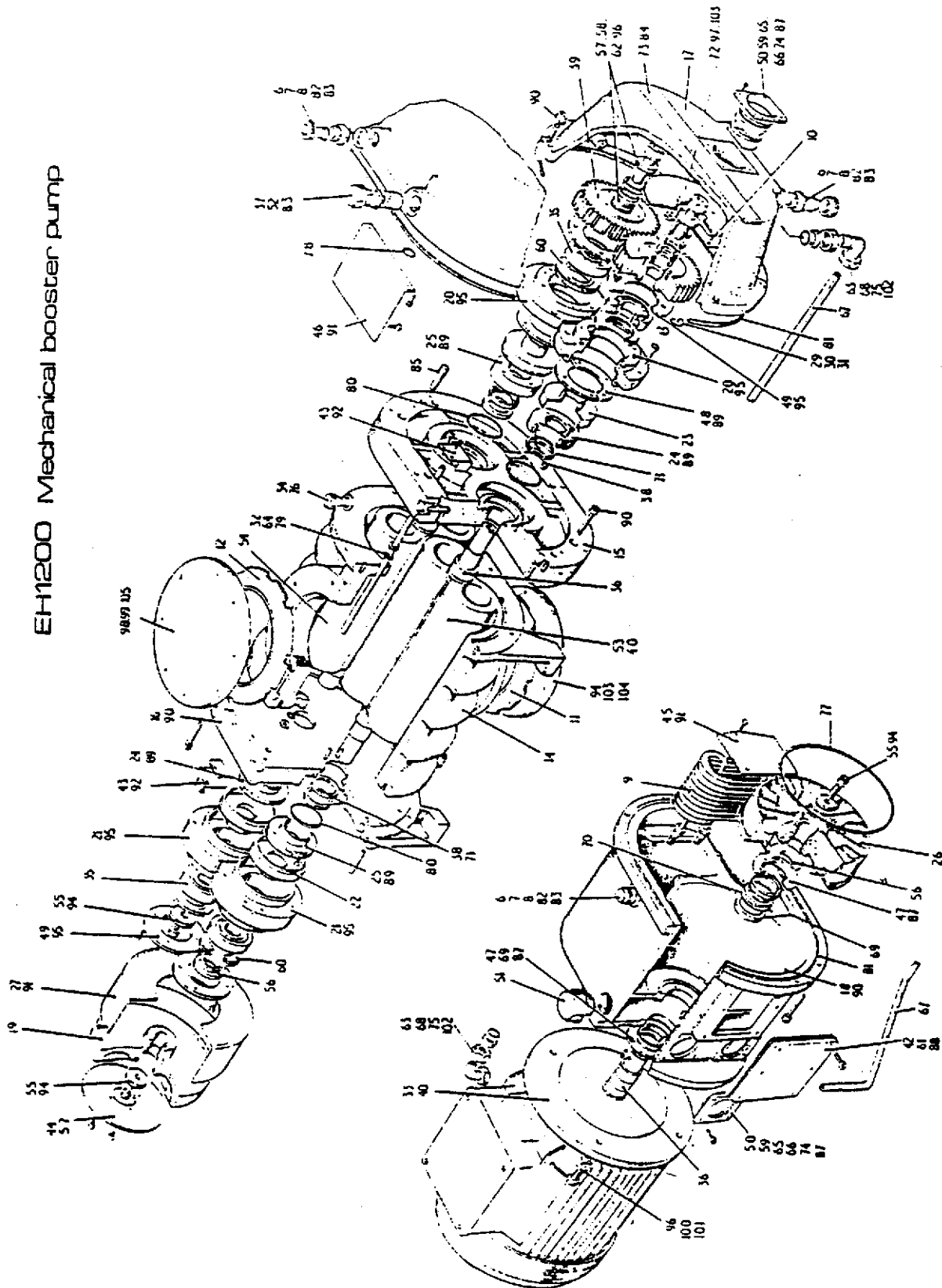
EH500A Mechanical booster pump Parts list

ITEM	LINE NO.	DESCRIPTION	QUANTITY
1	A30271001	Stator	1
2	A30271002	Headplate (front)	1
3	A30271006	Headplate (rear)	1
4	A30271004	End cover	1
5	A30151005	Oil thrower (right hand)	1
6	A30151006	Oil thrower (right hand)	1
7	-	-	-
8	A30271007	Fluid coupling (driver)	1
9	A30151009	Coupling cover	1
10	A30151011	Evacuation adaptor	1
11	A26002018	Plug pin BSP	1
12	-	-	-
13	A20001096	Motor (see label)	1
14	A20405001	Label	1
15	A20403009	Inner ring	4
16	A20402010	Bearing	2
17	A29416001	Bearing	2
18	A22302005	Sight glass bezel	2
19	A22302015	Dust seal	4
20	A22302016	Filter	11
21	A22903013	Filter	2
22	A24301005	Gears	1pc
23	-	-	-
24	A25942001	Key	1
25	A25970007	Cover plate	-
26	A25970008	Coupling baffle	1
27	A25971002	Oil reservoir cover	1
28	A25971016	Seal retainer	1
29	A25976001	Bearing reflector	2
30	A26002023	Sight glass reflector	2
31	A26002021	Plug pin BSP	1
32	A26401063	Plug pin BSP	1
33	A26407002	Rotor	2
34	A26407003	Thrust ring	1
35	A26407004	Thrust ring	1
36	A26440001	Locking element (ring feeder)	2
37	A27159500	Gasket	2pr
38	A25970056	Baffle plate	1
39	A27801001	Clamp ring	1
40	A27801006	Sleeve (soft)	1
41	H02104002	Rubber bonded seal pin BSP	2
42	A27820008	Compression ring	2
43	A29201004	Sight glass	2
44	A26407011	Thrust ring	2
45	A26407015	Spacer	2
46	A30251006	Fluid coupling (driver)	1
47	A30154001	Coupling enclosure (60Hz Fumblin)	1
	A30152001	Coupling enclosure (60Hz)	1
	A30252002	Coupling enclosure (50Hz Fumblin)	1
	A30151010	Coupling enclosure (50Hz)	1
48	H02104004	Seal pin BSP	2
49	H02104047	Washer	2

ITEM	LINE NO.	DESCRIPTION	QUANTITY
50	H02104052	T.F.E. lipseal	4
51	H02104065	'Spiroseal' (Viton)	3
52	H02104075	'Spirofil' seal	3
53	H02120061	O-ring	4
54	H02120099	O-ring	1
55	H02120112	O-ring	1
56	H02125028	O-ring	4
57	H02125121	O-ring	2
58	A27165008	Shim 0.20mm thick	As required
59	A27165009	Shim 0.25mm thick	As required
60	A27165010	Shim 0.35mm thick	As required
61	A27165011	Shim 0.40mm thick	As required
62	A27165018	Shim 0.3mm thick	As required
63	211430301	Rivet ('Chobart')	4
64	211174033	Spring pin	2
65	212192016	Taper pin	2
66	212192026	Taper pin	2
67	218002328	Screw M5	3
68	218032288	Screw M4	4
69	218032328	Screw M5	3
70	218032330	Screw M5	14
71	218032369	Screw M6	6
72	218072413	Screw M6	8
73	218042287	Screw M4	12
74	218091371	Screw M6	9
75	218091372	Screw M6	11
76	218091375	Screw M6	17
77	218091412	Screw M6	13
78	218091452	Screw M10	2
79	218980210	Washer M8	6
80	218980211	Washer M10	12
81	218984011	Washer M10	4
82	218984728	Washer	4
83	C03400005	Union nut pin	8
84	C03400007	Union alternative body pin	2
85	C03400011	Union blind tailpiece	2
86	C10007040	Blanking flange	2
87	C10009040	Blanking flange	1
88	B27158063	'Co-seal' assembly 63mm	1
89	B27158070	'Co-seal' assembly 1000mm	1
90	218790005	Eyebolt M12	1
91	A26002009	Plug 1/8in BSP	2
92	H02121009	O-ring (Viton)	4
100	A28601003	Nipple 3/8in BSP	1

*LUBRICATING PURPOSES ONLY

EH1200 Mechanical booster pump



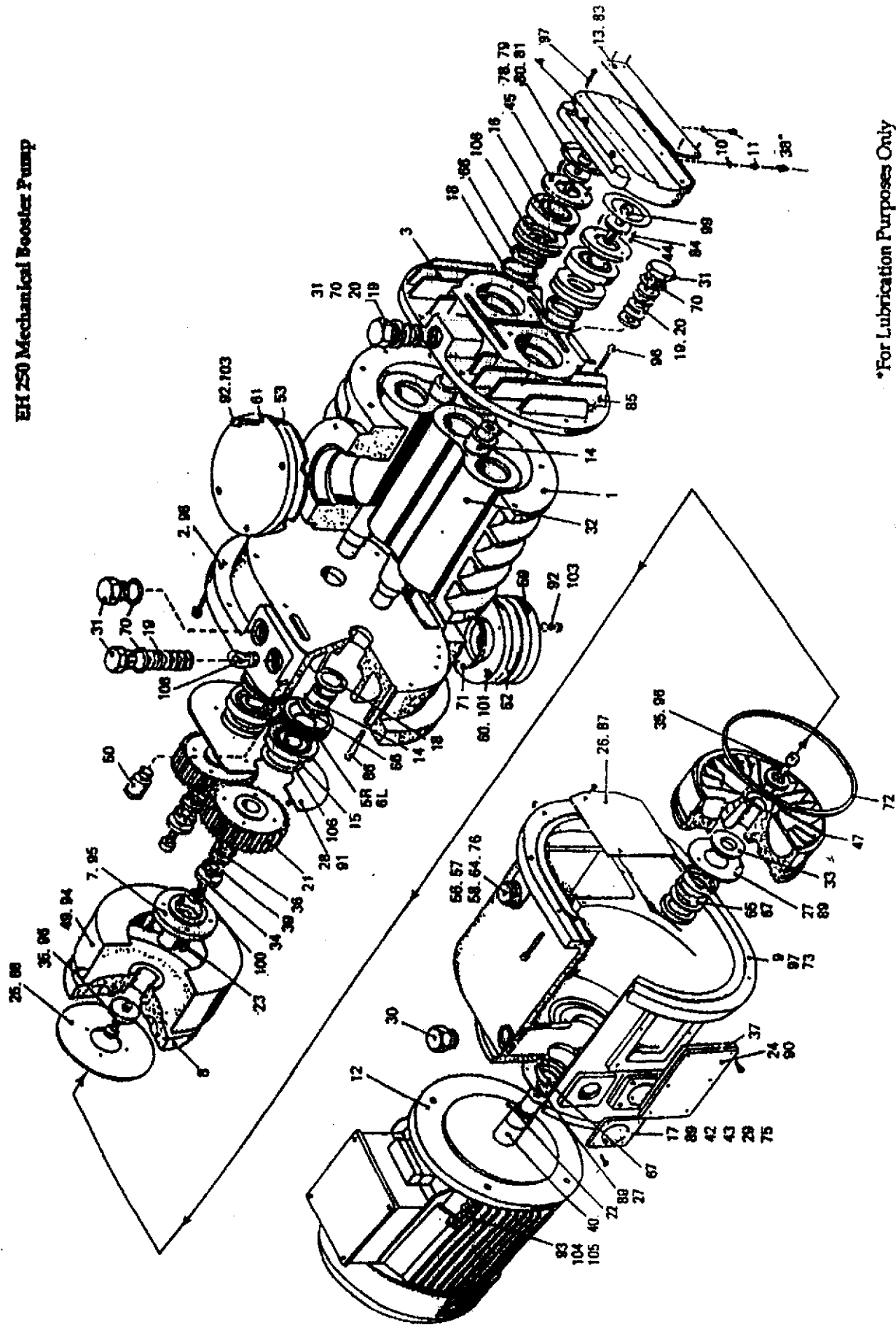
MO39788

EH1200 Mechanical booster pump - Parts list

Item	Code No.	Description	Quantity
1			
2			
3			
4			
5			
6	C03400007	Alternative Body	4
7	C03400011	Blind Flaplace	4
8	C03400005	Union Nut	4
9	A30551010	Cooling Coll., Coupling Cover	1
10	A30551011	Cooling Coll., Gear Cover	1
11	B27150070	Union Co-Seal Assembly Pack	1
12	B27150074	Union Co-Seal	1
13			
14	A30551001	Stator	1
15	A30551002	Headplate - Gear End	1
16	A30551003	Headplate - Coupling End	1
17	A30551004	Gear Cover	1
18	A30551005	Coupling Cover	1
19	A30551007	Fluid Coupling - Driven Half	1
20	A30551016	Bearing Carrier - Gear End	1
21	A30551017	Bearing Carrier - Coupling End	2
22	A30551018	Throw Ring - Coupling End	2
23	A30551019	Throw Ring - Gear End	2
24	A30551020	Seal Carrier - Left Hand	2
25	A30551021	Seal Carrier - Right Hand	2
26	A30551006	Fluid Coupling - Driver	1
27	A30551009	Coupling Enclosure	1
28			
29	A27165001	Shim - 0.05mm thickness	As required
30	A27165002	Shim - 0.10mm thickness	As required
31	A27165003	Shim - 0.25mm thickness	As required
32	A26406001	Spacer	2
33	A07114001	Motor	1
34	A09000007	Plug - Pin BSP	1
35	A20403007	Ball Bearing	1
36	A20405002	Inner Ring	4
37	A22302007	Filter	7
38	A22302008	Dust Seal	1
39	A22903005	Gears	4
40	A24301006	Key	1 pair
41			
42	A25942002	Cover Plate	2
43	A25970021	Evacuation Baffle	1
44	A25970010	Coupling Baffle	2
45	A25970011	Oil Reservoir Cover	1
46	A25970012	Gear Cover Baffle	1
47	A25971005	Seal Retainer	1
48	A25971006	Retainer (2 halves)	2
49	A25971007	Bearing Retainer	2
50	A25976001	Sight Glass Reflector	4
51	A26002002	Plug - Pin BSP	3
52			

Item	Code No.	Description	Quantity
54	A26401019	Motor-Driven	1
55	A26407005	Thrust Ring	3
56	A26407006	Thrust Ring	2
57	A26407007	Thrust Ring	2
58	A26440002	Locking Element - Ringfeder	4 pairs
59	A26501011	Sight Glass Holder	3
60	210985236	Oiac Spring	12
61	A27159501	Gasket	1
62	A27801002	Clamp Ring	2
63	A27802003	Cooling Coll. Spacer	2
64	A27804002	Evacuation Tube	4
65	A29201004	Sight Glass	1
66	A30251019	Sight Glass Nozzle	3
67	A27843011	Tube	3
68	W03505111	Stud Elbow	1
69	W02109040	'Spitroval'	2
70	W02109049	Back-Up Washer	3
71	W02109053	Lip Seal	2
72	A25970016	Oil Splasher	4
73	A20001000	Label	1
74	W02120023	O-Ring	1
75	W02125260	O-Ring	3
76	W02120034	O-Ring	4
77	W02120104	O-Ring	1
78	W02120011	O-Ring	1
79	W02120031	O-Ring	1
80	W02120051	O-Ring	2
81	W02120159	O-Ring	4
82	W02105121	O-Ring	2
83	W02104004	Banded Seal	4
84	A09402040	Rivet	5
85	212191043	Taper Pin	6
86			4
87	218032328	Screw M5 x 10mm	21
88	218032330	Screw M5 x 10mm	8
89	218091280	Screw M4 x 10mm	20
90	210091412	Screw M0 x 25mm	40
91	218002340	Screw M5 x 10mm	13
92	218002206	Screw M4 x 10mm	6
93	218002360	Screw M4 x 10mm	1
94	218072413	Screw M6 x 30mm	11
95	218002371	Screw M6 x 20mm	32
96	218072403	Screw M12 x 30mm	6
97	210072409	Screw M8 x 12mm	4
98	218072454	Screw M10 x 35mm	0
99	218980211	Plain Washer M10	8
100	218990212	Plain Washer M12	4
101	218904012	Stakeproof Washer M12	4
102	W01500011	Locknut Pin BSP	4
103	218980210	Plain Washer M6	4
104	C10009040	Blanking Flange ISO100	12
105			1

EH 250 Mechanical Booster Pump



*For Lubrication Purposes Only

PARTS LIST

8. PARTS LIST

EH250 Mechanical Booster Pump — Parts List

Item No.	Code No.	Description	Quantity
1	A30151001	Stator	1
2	A30151002	Headplate (Front)	1
3	A30151003	Headplate (Rear)	1
4	A30151004	End Cover	1
5	A30151005	Oil Thrower (Right Hand)	1
6	A30151006	Oil Thrower (Left Hand)	1
7	A30151007	Coupling Shaft	1
8	A30151008	Fluid Coupling (Driven)	1
9	A30151009	Coupling Cover	1
⑩	H02122009	'O'-ring	4
11	A26002009	Plug ¾ BSP	4
12	—	Motor	1
13	A20001007	Label	1
14	A20405001	Inner Ring	4
15	A20403009	Ball Bearing — 6304 RS	2
16	A20403010	Ball Bearing — 6304Z	2
17	A20416001	Sight Glass Bezel	2
⑮	A22302005	Dust Seal	4
⑯	A22302015	Filter	11
⑰	A22302016	Filter	2
21	A22903010	Gears	1 Pair
22	A24301005	Key	1
23	A24301014	Key	1
24	A25942001	Cover Plate	1
25	A25970007	Coupling Baffle	1
26	A25970008	Oil Reservoir Cover	1
27	A25971002	Seal Retainer	2
28	A25971016	Bearing Retainer	1
29	A25976001	Sight Glass Reflector	2
30	A26002002	Plug — 1in BSP (with vent hole)	1
31	A26002003	Plug ½ BSP	4
32	A26401045	Rotor	2
33	A26407002	Thrust Ring	1
34	A26407003	Thrust Ring	2
35	A26407004	Thrust Ring	2
36	A26440001	Locking Element	2 Pairs
⑳	A27159500	Gasket	1
**38	A24601003	Nipple ¾ BSP	1

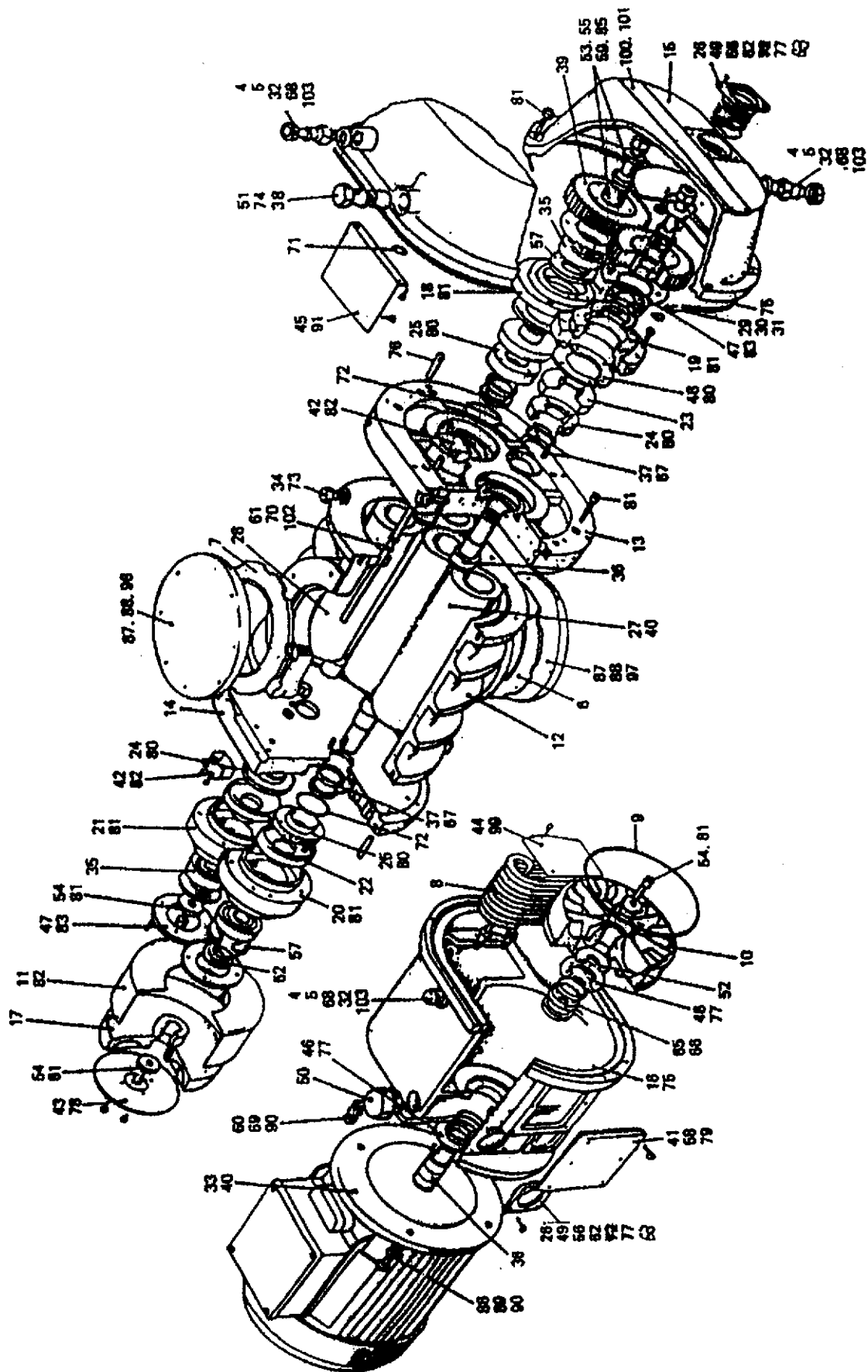
** EH250 model only (For lubrication purposes)

PARTS LIST

EH250 Mechanical Booster Pump — Parts List (continued)

Item No.	Code No.	Description	Quantity
81	A27165011	Shim — 0.40 mm Thick	AS REQD.
82	—	—	—
83	211430301	Rivet	4
84	212170029	Spring Pin	4
85	212192016	Taper Pin	2
86	212192026	Taper Pin	2
87	218002328	Screw M5 x 10	3
88	218032288	Screw M4 x 10	4
89	218032328	Screw M5 x 10	14
90	218032330	Screw M5 x 16	6
91	218032369	Screw M6 x 12	8
92	218072413	Screw M8 x 30	8
93	218072452	Screw M10 x 25	4
94	218042287	Screw M4 x 8	6
95	218091370	Screw M6 x 16	4
96	218091371	Screw M6 x 20	12
97	218091372	Screw M6 x 25	17
98	218091375	Screw M6 x 40	9
99	218091412	Screw M8 x 25	2
100	218091452	Screw M10 x 25	2
101	218091411	Screw M8 x 20	4
102	—	—	—
103	218980210	Washer M8	8
104	218980211	Washer M10	4
105	218984011	Shakeproof Washer M10	4
106	218984728	Pre-Load Waved Washer	8
107	—	—	—
108	218790005	Eyebolt	1

EH500 Mechanical booster pump



EH500 Mechanical Booster Pump — Parts List

Item No.	Code No.	Description	Quantity
1	—	—	—
2	—	—	—
3	—	—	—
4	C03400007	Vacuum Union Alternative Body	4
5	C03400011	Vacuum Union Blind Tailpiece	4
6	027158063	63mm Co-Seal	1
7	027158070	100mm Co-Seal	1
8	A30251010	Cooling Coil	1
9	—	'O'-ring	1
10	A30251006	Fluid Coupling — Driver Half	1
11	A30251009	Coupling Enclosure	1
12	A30251001	Stator	1
13	A30251002	Headplate — Gear End	1
14	A30251003	Headplate — Coupling End	1
15	A30251004	Gear Cover	1
16	A30251005	Coupling Cover	1
17	A30251007	Fluid Coupling — Driven Half	1
18	A30251011	Bearing Carrier — RH Gear End	1
19	A30251012	Bearing Carrier — LH Gear End	1
20	A30251013	Bearing Carrier — RH Coupling End	1
21	A30251014	Bearing Carrier — LH Coupling End	1
22	A30251015	Throw Ring — Coupling End	2
23	A30251016	Throw Ring — Gear End	2
24	A30251017	Seal Carrier — LH	2
25	A30251018	Seal Carrier — RH	2
26	A30251019	Sight Glass Bezel	3
27	A26401016	Rotor — Driver	1
28	A26401017	Rotor — Driven	1
29	A27165001	Shim — 0.05mm thickness	As required
30	A27165002	Shim — 0.10mm thickness	As required
31	A27165003	Shim — 0.25mm thickness	As required
32	C03400005	Union Nut	4
33	A07112003	Motor	1
34	A09000087	Plug	1
35	A20403006	Ball Bearing	4
36	A20405001	Inner Ring	7
37	A22302005	Dust Seal	4
38	A22302006	Filter	1
39	A22903004	Gears	1 pair
40	A24301005	Key	2
41	A25942001	Cover Plate	1
42	A25970020	Evacuation Baffle	2
43	A25970007	Coupling Baffle	1
44	A25970008	Oil Reservoir Cover	1

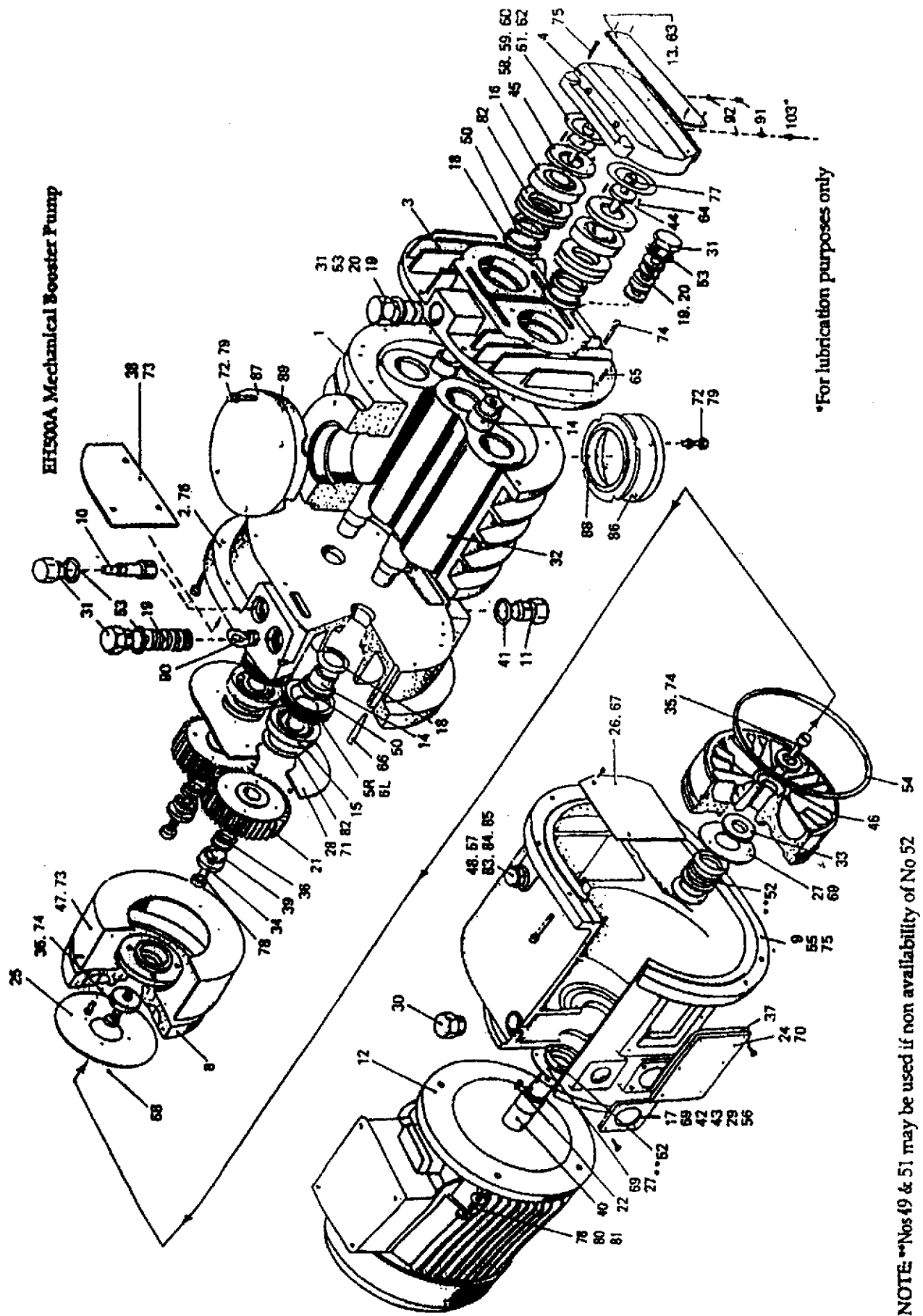
EH500 Mechanical Booster Pump — Parts List (continued)

Item No.	Code No.	Description	Quantity
45	A25970009	Gear Cover Baffle	1
46	A25971002	Seal Retainer	2
47	A25971003	Bearing Retainer	4
48	A25971004	Retainer (2 halves)	2
49	A25976001	Sight Glass Reflector	3
50	A26002002	Plug	1
51	A26002003	Plug	1
52	A26407002	Thrust Ring	2
53	A26407003	Thrust Ring	2
54	A26407004	Thrust Ring	3
55	A26440001	Locking Element — Ringfoder	4 pairs
56	A26501011	Seal	3
57	218985235	Disc Spring	12
58	A27159500	Gasket	1
59	A27801001	Clamp Ring	2
60	A27802002	Spacer	2
61	A27804001	Evacuation Tube	1
62	A29201004	Sight Glass	3
63	— H02126028	— O'-RING	— 6
64	A25970017	Oil Splasher	1
65	H02109046	Spiroseal	3
66	H02109047	Back-Up Washer	2
67	H02109052	Seal	4
68	H02105121	O'-ring	4
69	H02120016	O'-ring	2
70	H02120031	O'-ring	2
71	H02120011	O'-ring	1
72	H02120023	O'-ring	4
73	H02120034	O'-ring	1
74	H02120061	O'-ring	1
75	H02120112	O'-ring	2
76	212191043	Taper Pin	4
77	218032320	Screw	18
78	218032288	Screw	4
79	218032330	Screw	6
80	218091288	Screw	20
81	218091372	Screw	52
82	218002286	Screw	10
83	218002329	Screw	16
84	218002368	Screw	4
85	218031452	Screw	2
86	218072452	Screw	4
87	218072413	Screw	12
88	218980210	Washer	12

PARTS LIST

EH500 Mechanical Booster Pump— Parts List (continued)

Item No.	Code No.	Description	Quantity
89	218980211	Washer	4
90	218984011	Washer	4
91	218980209	Washer	4
92	M01500009	Locknut	2
93	—	—	—
94	—	—	—
95	—	—	—
96	—	—	—
97	C10007040	Blanking Flange — ISO63	1
98	C10009040	Blanking Flange — ISO100	1
99	218002328	Screw	6
100	A20001059	Label	1
101	A09402040	Rivet	6
102	A26406001	Spacer	2
103	H02104004	Seal	4



EH500A Mechanical Booster Pump

*For lubrication purposes only

NOTE: Nos 49 & 51 may be used if non availability of No 52

Parts List

EH500A Mechanical Booster Pump — Parts List

Item No.	Code No.	Description	Quantity
1	A30271001	Stator	1
2	A30271002	Headplate (Front)	1
3	A30271006	Headplate (Rear)	1
4	A30271004	End Cover	1
5	A30151005	Oil Thrower (Right Hand)	1
6	A30151006	Oil Thrower (Left Hand)	1
7	—	—	—
8	A30271007	Fluid Coupling (Driven)	1
9	A30151009	Coupling Cover	1
10	A30151011	Evacuation Adaptor	1
11	A26002018	Plug 1/4 BSP	1
12	—	Motor (see label)	1
13	A20001096	Label	1
14	A20405001	Inner Ring	4
15	A20403009	Bearing	2
16	A20402010	Bearing	2
17	A29416001	Sight Glass Bezel	2
18	A22302005	Dust Seal	4
19	A22302015	Filter	11
20	A22302016	Filter	2
21	A22903013	Gears	1 Pair
22	A24301005	Key	1
23	—	—	—
24	A25942001	Cover Plate	1
25	A25970007	Coupling Baffle	1
26	A25970008	Oil Reservoir Cover	1
27	A25971002	Seal Retainer	2
28	A25971016	Bearing Retainer	1
29	A25976001	Sight Glass Reflector	2
30	A26002023	Plug 1in BSP	1
31	A26002021	Plug 1/2 BSP	4
32	A26401063	Rotor	2
33	A26407002	Thrust Ring	1
34	A26407003	Thrust Ring	2
35	A26407004	Thrust Ring	2
36	A26440001	Locking Element (ring feeder)	2 Pairs
37	A27159500	Gasket	1
38	A25970056	Baffle Plate	1
39	A27801001	Clamp Ring	2
40	A27801006	Sleeve (Soft)	2
41	H02104002	Rubber Bonded Seal 1/4in BSP	1
42	A27820008	Compression Ring	2
43	A29201004	Sight Glass	2
44	A26407011	Thrust Ring	2

EH500A Mechanical Booster Pump — Parts List (continued)

Item No.	Code No.	Description	Quantity
45	A26407015	Spacer	2
46	A30251006	Fluid Coupling (driver)	1
47	A30154001	Coupling Enclosure (60Hz Fomblin)	1
—	A30152001	Coupling Enclosure (60Hz)	1
—	A30252002	Coupling Enclosure (50Hz Fomblin)	1
—	A30151010	Coupling Enclosure (50Hz)	1
48	H02104004	Seal 1/2in BSP	2
49	H02109047	Washer	2
50	H02109052	T.F.E. lipseal	4
51	H02109065	'Spiroseal' (Viton)	3
52	H02109075	'Simrit' Seal	3
53	H02120061	'O'-ring	4
54	H02120099	'O'-ring	1
55	H02120112	'O'-ring	1
56	H02125028	'O'-ring	4
57	H02125121	'O'-ring	2
58	A27165008	Shim 0.20mm thick	As required
59	A27165009	Shim 0.25mm thick	As required
60	A27165010	Shim 0.35mm thick	As required
61	A27165011	Shim 0.40mm thick	As required
62	A27165018	Shim 0.3mm thick	As required
63	211430301	Rivet ('Chobert')	4
64	211174033	Spring Pin	2
65	212192016	Taper Pin	2
66	212192026	Taper Pin	2
67	218002328	Screw M5	3
68	218032288	Screw M4	4
69	218032328	Screw M5	14
70	218032330	Screw M5	6
71	218032369	Screw M6	8
72	218072413	Screw M8	12
73	218042287	Screw M4	9
74	218091371	Screw M6	11
75	218091372	Screw M6	17
76	218091375	Screw M6	13
77	218091412	Screw M8	2
78	218091452	Screw M10	6
79	218980210	Washer M8	12
80	218980211	Washer M10	4
81	218984011	Washer M10	4
82	218984728	Washer	8
83	C03400005	Union Nut 1/2in	2
84	C03400007	Union Alternative Body 1/2in	2
85	C03400011	Union Blind Tailpiece	2

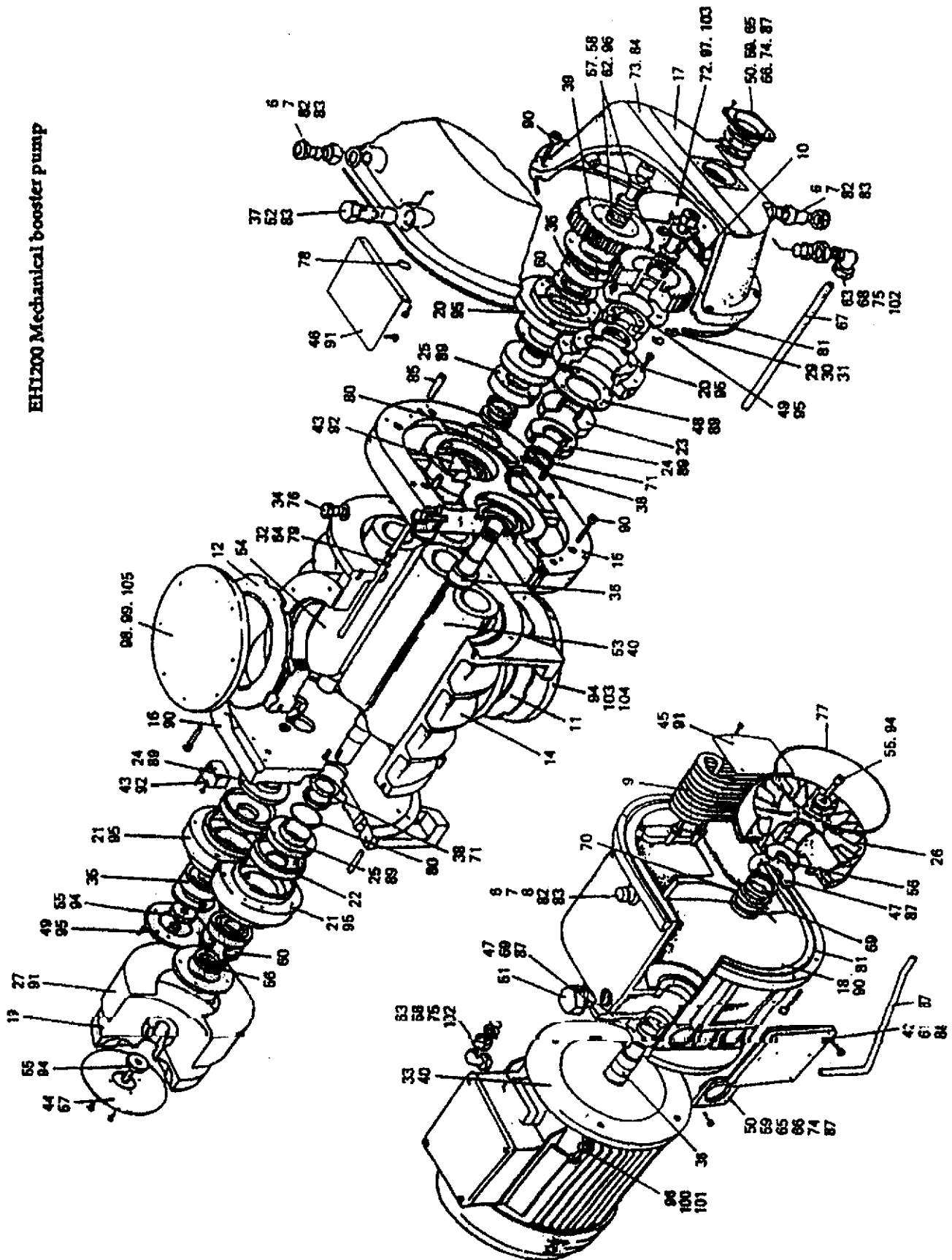
PARTS LIST

BH500A Mechanical Booster Pump — Parts List (continued)

Item No.	Code No.	Description	Quantity
86	C10007040	Blanking Flange	1
87	C10009040	Blanking Flange	1
88	B27158063	'Co-seal' Assembly 63mm	1
89	B27158070	'Co-seal' Assembly 100mm	1
90	218790005	Eyebolt M12	2
91	A26002009	Plug 1/8in BSP	4
92	H02121009	'O'-ring (Viton)	4
*100	A24601003	Nipple 3/8in BSP	1

*LUBRICATING PURPOSES ONLY

EH1200 Mechanical booster pump



PARTS LIST

EH1200 Mechanical Booster Pump — Parts List

Item No.	Code No.	Description	Quantity
1	—	—	—
2	—	—	—
3	—	—	—
4	—	—	—
5	—	—	—
6	C03400007	Alternative Body	4
7	C03400011	Blind Tailpiece	4
8	C03400005	Union Nut	4
9	A30551010	Cooling Coil, Coupling Cover	1
10	A30551011	Cooling Coil, Gear Cover	1
11	B27158070	100mm Co-Seal Assembly Pack	1
12	B27158074	160mm Co-Seal	1
13	—	—	—
14	A30551001	Stator	1
15	A30551002	Headplate — Gear End	1
16	A30551003	Headplate — Coupling End	1
17	A30551004	Gear Cover	1
18	A30551005	Coupling Cover	1
19	A30551007	Fluid Coupling — Driven Half	1
20	A30551016	Bearing Carrier — Gear End	2
21	A30551017	Bearing Carrier — Coupling End	2
22	A30551018	Throw Ring — Coupling End	2
23	A30551019	Throw Ring — Gear End	2
24	A30551020	Seal Carrier — Left Hand	2
25	A30551021	Seal Carrier — Right Hand	2
26	A30551006	Fluid Coupling — Driver	1
27	A30551009	Coupling Enclosure	1
28	—	—	—
29	A27165001	Shim — 0.05mm thickness	As required
30	A27165002	Shim — 0.10mm thickness	As required
31	A27165003	Shim — 0.25mm thickness	As required
32	A26406001	Spacer	2
33	A07114001	Motor	1
34	A09800087	Plug — 1/4in BSP	1
35	A20403007	Ball Bearing	4
36	A20405002	Inner Ring	7
37	A22302007	Filter	1
38	A22302008	Dust Seal	4
39	A22903005	Gears	1 pair
40	A24301006	Key	2
41	—	—	—
42	A25942002	Cover Plate	1
43	A25970021	Evacuation Baffle	2
44	A25970010	Coupling Baffle	1

EH1200 Mechanical Booster Pump — Parts List (continued)

Item No.	Code No.	Description	Quantity
45	A25970011	Oil Reservoir Cover	1
46	A25970012	Gear Cover Baffle	1
47	A25971005	Seal Retainer	2
48	A25971006	Retainer (2 halves)	2
49	A25971007	Bearing Retainer	4
50	A25976001	Sight Glass Reflector	3
51	A26002002	Plug — 1in BSP	1
52	A26002003	Plug — 1/2in BSP	1
53	A26401018	Rotor — Driver	1
54	A26401019	Rotor — Driven	1
55	A26407005	Thrust Ring	3
56	A26407006	Thrust Ring	2
57	A26407007	Thrust Ring	2
58	A26440002	Locking Element — Ringfeder	4 pairs
59	A26501011	Sight Glass Rubber	3
60	218985236	Disc Spring	12
61	A27159501	Gasket	1
62	A27801002	Clamp Ring	2
63	A27802003	Cooling Coil Spacer	4
64	A27804002	Evacuation Tube	1
65	A29201004	Sight Glass	3
66	A30251019	Sight Glass Bezel	3
67	A27843011	Tube	1
68	H03505111	Stud Elbow	2
69	H02109048	'Spiroseal'	3
70	H02109049	Back-up Washer	2
71	H02109053	Lipseal	4
72	A25970018	Oil Splasher	1
73	A20001060	Label	1
74	H02120023	'O'-ring	3
75	H02125260	'O'-ring	4
76	H02120034	'O'-ring	1
77	H02120104	'O'-ring	1
78	H02120011	'O'-ring	1
79	H02120031	'O'-ring	2
80	H02120051	'O'-ring	4
81	H02120159	'O'-ring	2
82	H02105121	'O'-ring	4
83	H02104004	Bonded Seal	5
84	A09402040	Rivet	6
85	212191043	Taper Pin	4
86	—	—	—
87	218032328	Screw M5 x 10mm	21
88	218032330	Screw M5 x 16mm	8

PARTS LIST

EH1200 Mechanical Booster Pump — Parts List (continued)

Item No.	Code No.	Description	Quantity
89	218091288	Screw M4 x 10mm	28
90	218091412	Screw M8 x 25mm	40
91	218002328	Screw M5 x 10mm	13
92	218002286	Screw M4 x 6mm	6
93	218002368	Screw M6 x 10mm	1
94	218072413	Screw M8 x 30mm	11
95	218002371	Screw M6 x 20mm	32
96	218072493	Screw M12 x 30mm	6
97	218072409	Screw M8 x 12mm	4
98	218072454	Screw M10 x 35mm	8
99	218980211	Plain Washer M10	8
100	218980212	Plain Washer M12	4
101	218984012	Shakeproof Washer M12	4
102	M01500011	Locknut 3/4in BSP	4
103	218980210	Plain Washer M8	12
104	C10009040	Blanking Flange ISO100	1
105	C10011040	Blanking Flange ISO160	1