

EC314 - Rotator frame

COVERSHEET

Planned document changes:

Briefly: _____
No planned changes.

Document changes:

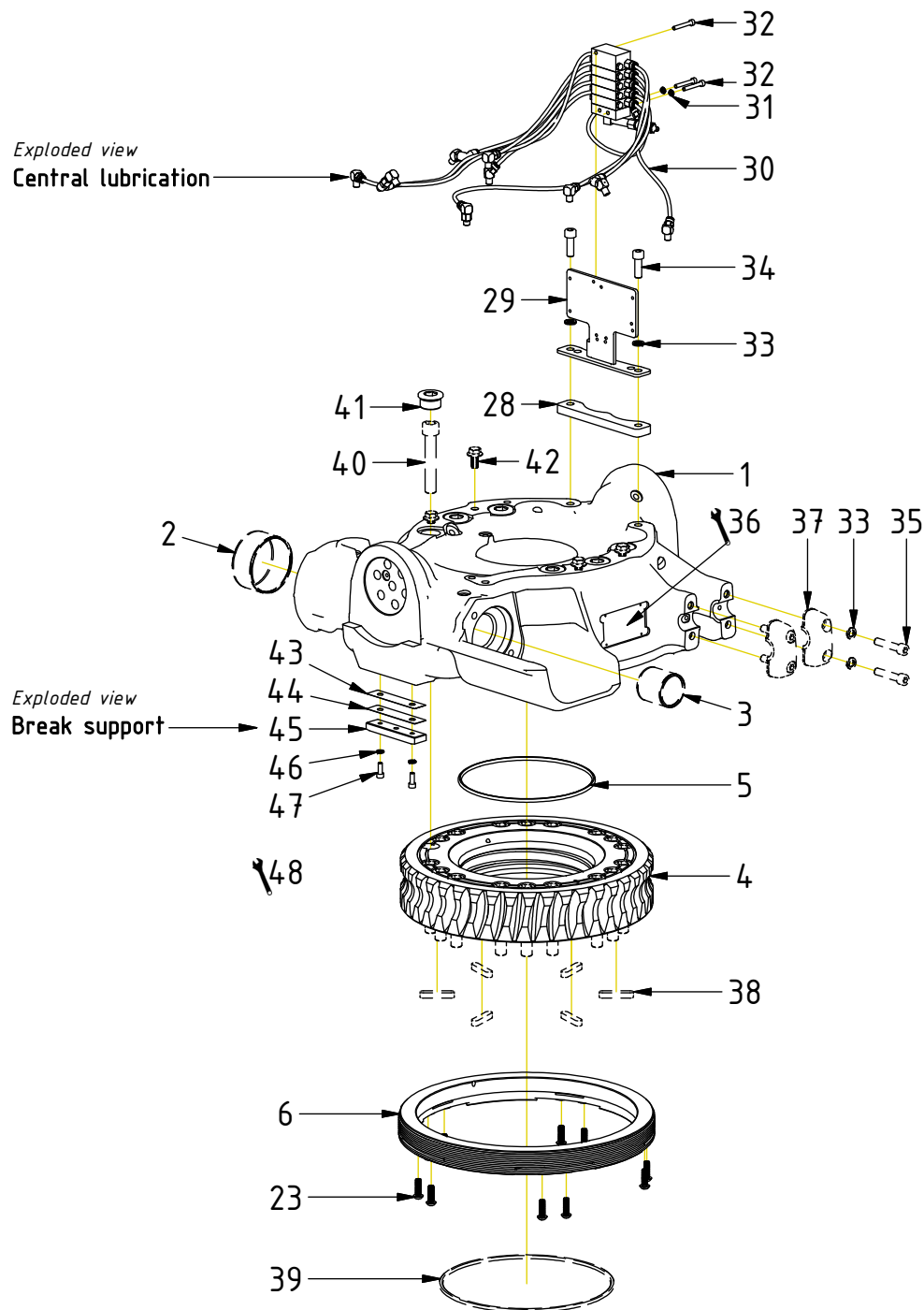
Date:	Change:	Rev. after change:
2026-09-22	Motor hoses corrected.	B
2026-05-19	Screws from control system added to rotator frame assy.	A
2026-02-18	New document.	-

Readers note:

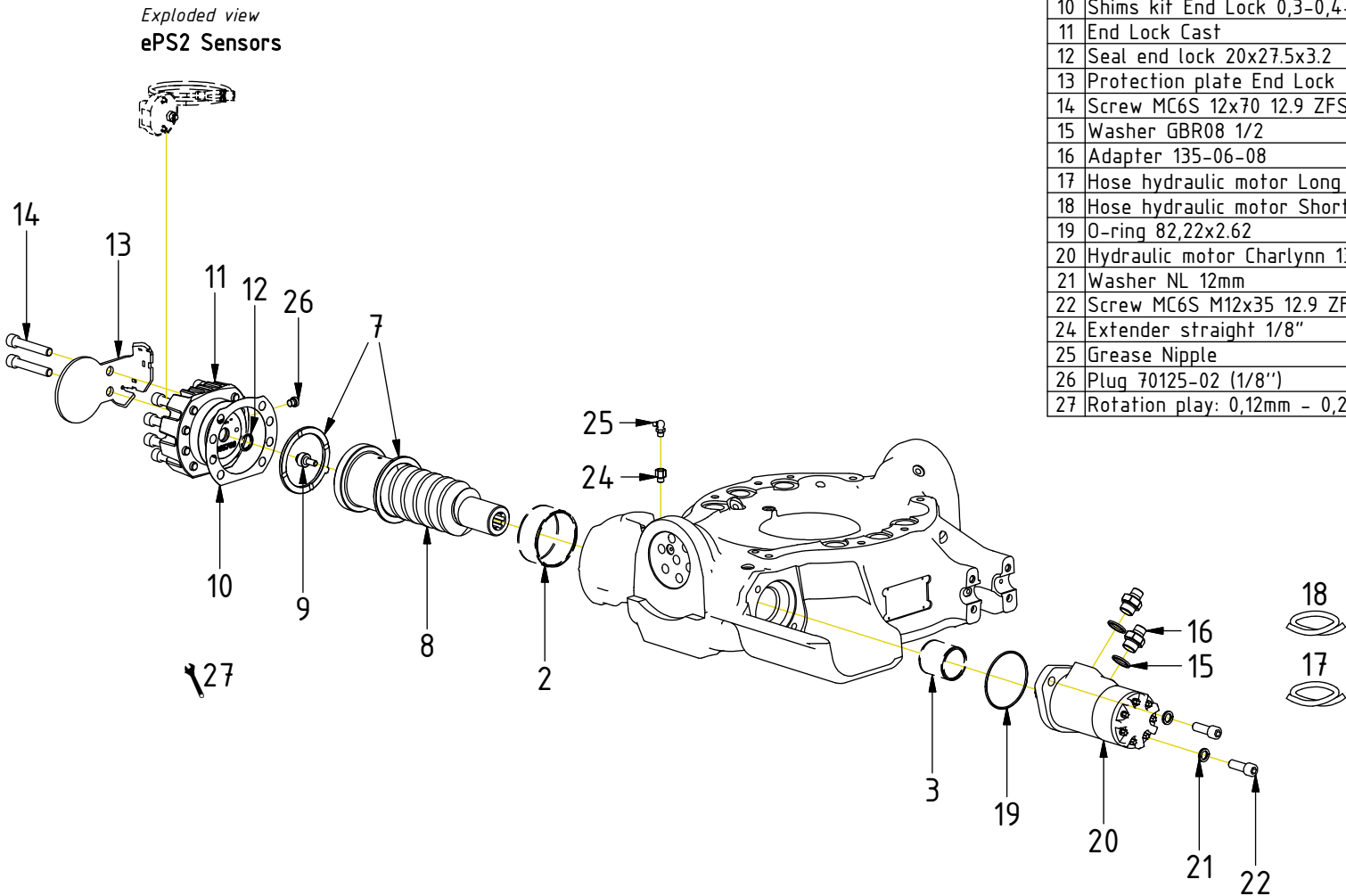
 Indicates instruction.

 Represents Hose.

Dashed lines for overview, mounts
on other pages/assemblies.



POS	DESCRIPTION	PART	QTY	COMMENTS
1	Rotator frame EC314/214 V3	1062446	1	(POS.2-3 incl.)
2	Bushing WB802 80/85x40	630103	1	
3	Bushing WB802 45/50x50	630102	1	
4	Worm wheel	1046396	1	
5	O-ring 195x5	7001661	1	
6	Bearing ring EC314/214 V2	1077008	1	
23	Screw TX45 8x25 10,9 FZB	1078840	10	Torque: 34Nm Tighten in cross pattern
28	Spacer central lubrication	1084027	1	
29	Mounting plate Central lubrication	1065076	1	
30	Lubrication kit	1026699	1	
31	Washer NL 5mm	611038	2	
32	Screw MC6S M5x35 12.9	610404	3	
33	Washer NL 10mm	611041	10	QTY: 8 part of top part
34	Screw MC6S 10x30 12.9 ZFSL	612018	2	Torque: 79Nm
35	Screw MC6S M10x50 12.9 ZFSL	611515	8	Part of top part. Torque: 79Nm
36	Punch serial no into rotator frame			
37	Clamping half Complete	1022942	4	Part of top part
38	Feather Key	650102	6	Part of quick hitch
39	O-ring 249,3x5,7	712424	1	Part of quick hitch
40	Screw MC6S M16x90 12.9 ZFSL	6000151	18	Part of quick hitch. Torque: 333Nm
41	Pipe plug M30x1,5	650410	6	
42	Screw M6SF 10x20H 8.8 Ribbed	6000131	4	Part of control system
43	Shim supporting plate 0,1mm	1055262	1	
44	Shim supporting plate 0,3mm	1055260	1	
45	Supporting plate	1055258	1	
46	Washer NL 6mm	611039	2	
47	Screw MC6S M6x16 12.9 ZFSL	6000017	2	
48	Break play: 0,5 - 0,7mm			Assy. between frame & quick hitch



POS	DESCRIPTION	PART	QTY	COMMENTS
2	Bushing WB802 80/85x40	630103	1	
3	Bushing WB802 45/50x50	630102	1	
7	Axial washer (with ear)	1079941	2	Face grooves toward worm screw
8	Worm Screw	1016408	1	
9	Magnet Spacer Worm Screw	1062693	1	Loxeal 83-52. Torque: 20Nm
10	Shims kit End Lock 0,3-0,4-0,5mm	1034434	1	
11	End Lock Cast	1065789	1	(POS.12 incl.)
12	Seal end lock 20x27.5x3.2	1063616	1	
13	Protection plate End Lock	1063372	1	
14	Screw MC6S 12x70 12.9 ZFSHL	611517	8	Torque: 136Nm
15	Washer GBR08 1/2	710704	2	
16	Adapter 135-06-08	710122	2	
17	Hose hydraulic motor Long (A)	7002159	1	Part of quick hitch assy.
18	Hose hydraulic motor Short (B)	7002158	1	Part of quick hitch assy.
19	O-ring 82,22x2.62	7000920	1	
20	Hydraulic motor Charlynn 131cc	720112	1	
21	Washer NL 12mm	611042	2	
22	Screw MC6S M12x35 12.9 ZFSHL	6000150	2	Torque: 136Nm
24	Extender straight 1/8"	712216	1	
25	Grease Nipple	711409	1	
26	Plug 70125-02 (1/8")	711503	1	
27	Rotation play: 0,12mm - 0,20mm			Note rotation play on module card