EC319 - Rotator frame

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COVERSHEET

Planned document changes:

Breifly:
2026-10-30. POS.17 no longer used. Correct Nm for POS.19: 55Nm.

Document changes:

Date:	Change:	Rev. after change:
2025-01-07	Bearing ring w. screws replaced. Nipple to frame added.	B
2024-02-06	Motor hoses added.	A
2023-05-10	New document.	-

Readers note:

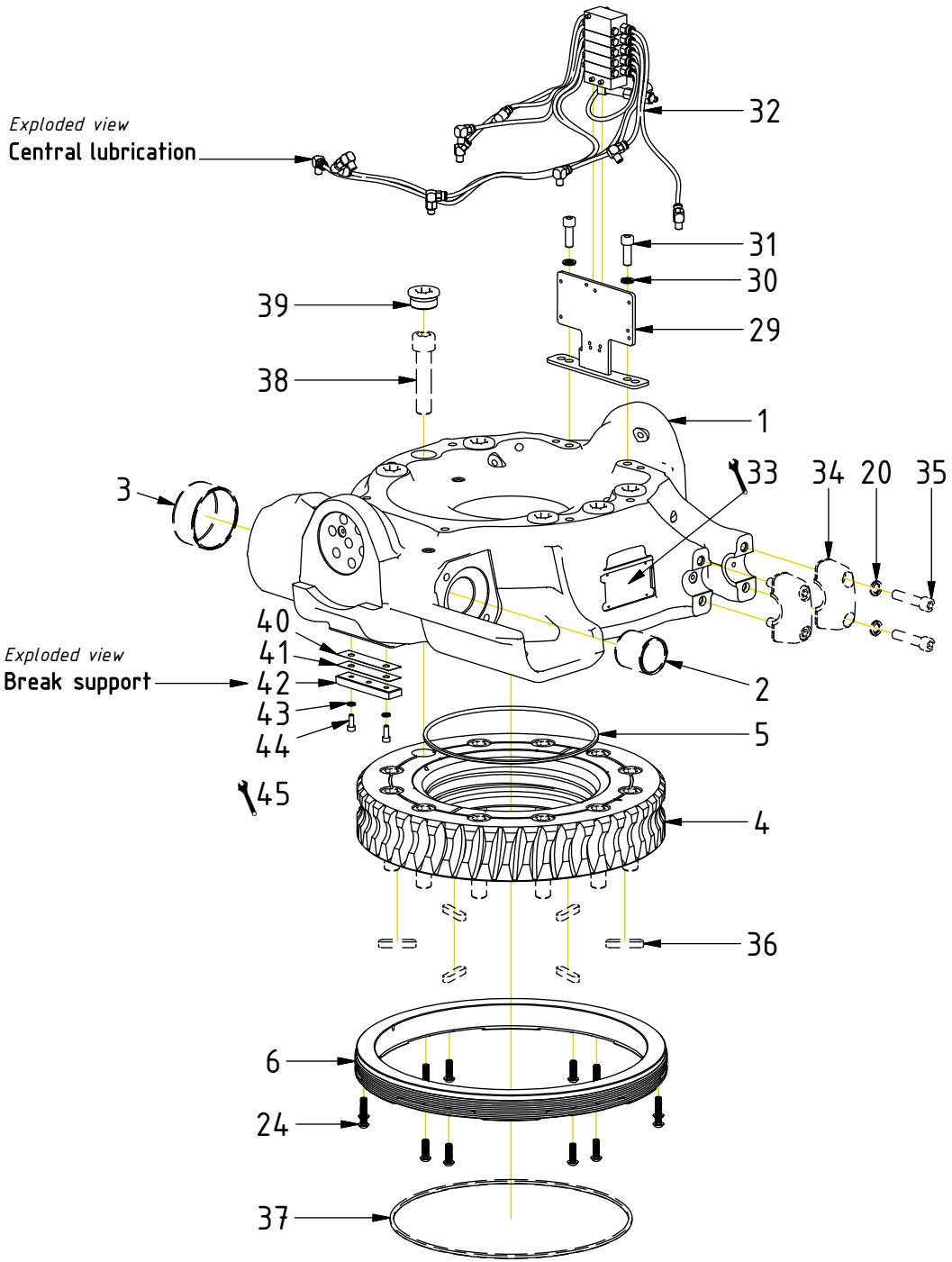
Indicates instruction.

Represents Hose.

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

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POS	DESCRIPTION	PART	QTY	COMMENTS
1	Rotator frame EC219/EC319 V5	1062295	1	(POS.2-3 incl.)
2	Bushing WB802 45/50x50	630102	1	
3	Bushing WB802 80/85x40	630103	1	
4	Worm wheel	1016409	1	
5	O-ring 225x5	7001662	1	
6	Bearing ring EC219/319 V2	1077005	1	(Only compatible with 8x25)
20	Washer NL 12mm	611042	10	QTY: 8 part of top part assy.
24	Screw TX45 8x25 10,9 FZB	1078840	12	Torque: 34Nm Tighten in cross pattern
29	Mounting plate Central lubrication	1065076	1	
30	Washer NL 10mm	611041	2	
31	Screw MC6S M10x30 12.9 ZFSHL	612018	2	Torque: 79Nm
32	Lubrication kit	1021135	1	
33	Punch serial no into rotator frame			
34	Clamping half Complete	1016393	4	Part of top part
35	Screw MC6S M12x55 12.9 ZFSHL	6000155	8	Part of top part. Torque: 136Nm
36	Feather Key	650102	6	Part of quick hitch
37	O-ring 319,3x5,7	710908	1	Part of quick hitch
38	Screw MC6S M20x90 12.9	610556	12	Part of quick hitch. Torque: 649Nm
39	Pipe plug M36x2 Din 908	650408	6	
40	Shim supporting plate 0,1 mm	1055262	1	
41	Shim supporting plate 0,3mm	1055260	1	
42	Supporting Plate	1055258	1	
43	Washer NL 6mm	611039	2	
44	Screw MC6S M6x16 12.9 ZFSHL	6000017	2	
45	Break play: 0,5mm - 0,7mm			Assy. between frame & quick hitch

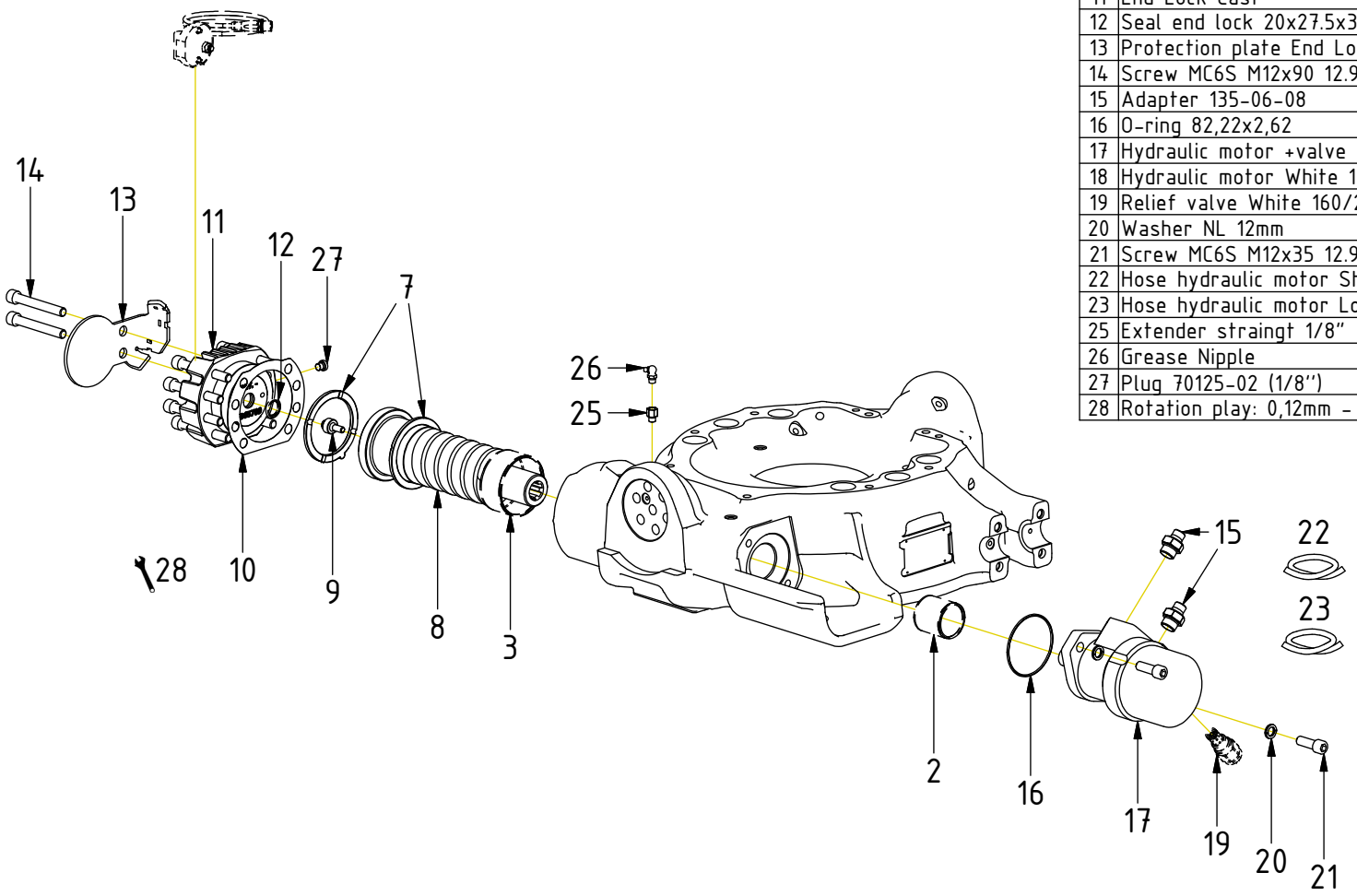
POS in order of assembly

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Exploded view

ePS2 Sensors



POS	DESCRIPTION	PART	QTY	COMMENTS
2	Bushing WB802 45/50x50	630102	1	
3	Bushing WB802 80/85x40	630103	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 0,3-0,4-0,5 mm	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 M12x90 12.9 ZFSHL	6000147	8	Torque: 136Nm
15	Adapter 135-06-08	710122	2	
16	O-ring 82,22x2,62	7000920	1	
17	Hydraulic motor +valve	1022290	1	(POS.18-19 incl.)
18	Hydraulic motor White 160cc	7001806	1	
19	Relief valve White 160/200cc	7001647	1	Torque: 77Nm. Assy. before motor
20	Washer NL 12mm	611042	10	QTY: 8 part of top part assy.
21	Screw MC6S M12x35 12.9 ZFSHL	6000150	2	Torque: 136Nm
22	Hose hydraulic motor Short	7002037	1	Part of quick hitch assy.
23	Hose hydraulic motor Long	7002038	1	Part of quick hitch assy.
25	Extender straingt 1/8"	712216	1	
26	Grease Nipple	711409	1	
27	Plug 70125-02 (1/8")	711503	1	
28	Rotation play: 0,12mm - 0,20mm			Note rotation play on module card

POS in order of assembly

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SPARE PARTS

POS	DESCRIPTION	PART	QTY	COMMENTS
6	Bearing ring EC219/319 with steering	1077005	1	(Only compatible with 8x25)
24	Screw TX45 8x25 10,9 FZB	1078840	12	Torque: 34Nm Tighten in cross pattern
47	Screw TX45 M8x30 FZB 10,9	612201	12	Torque: 34Nm. Used with 1061929

POS in order of assembly

Replaced from 2024-11:

