

3023111

First boom cylinder Ø120/80-630 / p=19 MPa

Exploded view diagram of a first boom cylinder assembly. The diagram shows the following components and their assembly sequence:

- Part 52:** A bracket or arm, shown in an inset.
- Part 9:** A small cylindrical component.
- Part 8:** A pin or bolt.
- Part 5:** The main boom cylinder body.
- Part 7:** A seal or O-ring.
- Part 12:** A flange or end cap.
- Part 13:** A seal or O-ring.
- Part 14:** A seal or O-ring.
- Part 10:** A pin or bolt.
- Part 22:** A small cylindrical component.
- Part 11:** A small cylindrical component.
- Part 4:** The main boom cylinder body.
- Part 19, 20, 15, 16, 17, 21, 18:** A series of seals or O-rings.
- Part 6:** A small cylindrical component.
- Part 1050 Nm:** A torque specification for the assembly.
- Part 51:** A bracket or arm, shown in an inset.

Assembly instructions (in Finnish, Estonian, English, German, and French):

- Taivuta vain yksi kulma (Bend only one lip)
- Bõj ner endast en kant
- Bend only one lip
- Nur eine Kante biegen
- Ne plier qu'un seul coin

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Pos	Part No	Description EN	Description DE	Quantity
1	94276870	First boom cylinder assy	Hubzylinder komplett	0
4	94440011	Cylinder tube	Zylinderrohr	1
5	94440001	Piston rod	Kolbenstange	1
6	94276817	Cylinder cover	Zylinderdeckel	1
7	94440012	Piston	Kolben	1
8	67411010	Grease nipple	Schmiernippel	2
9	94238826	Bearing bush	Lagerbuchse	1
10	21981075	Bearing bush	Lagerbuchse	2
11	30676070	Plug	Stopfen	1
12	82367545	O-ring 54,5x3,0	O-Ring 54,5x3,0	1
13	82357146	Locating ring	Führungsring	2
14	82375134	Seal	Dichtung	1
15	82358015	Locating ring	Führungsring	3
16	82375301	Seal	Dichtung	1
17	54329091	Supporting ring	Stützring	2
18	82371216	Wiper ring	Abstreifring	1
19	82368235	O-ring 123,42 x 3,55	O-Ring 123,42 x 3,55	1
20	54329130	Supporting ring	Stützring	1
21	82367792	O-ring 79,2x5,7	O-Ring 79,2x5,7	1
22	94238825	Distance bushing	Distanzbuchse	1
51	94236946	Spanner L=90, D=16	Schlüssel L=90, D=16	0
52	94263911	Spanner L=108, D=10	Schlüssel L=108, D=10	0
	302.311.1	First boom cylinder 1 No 122001- 122005	Hubzylinder 1 No 122001- 122005	0
Kit 94276871		Seal kit	Dichtungssatz	
12	82367545	O-ring 54,5x3,0	O-Ring 54,5x3,0	1
14	82375134	Seal	Dichtung	1
16	82375301	Seal	Dichtung	1
18	82371216	Wiper ring	Abstreifring	1
19	82368235	O-ring 123,42 x 3,55	O-Ring 123,42 x 3,55	1
20	54329130	Supporting ring	Stützring	1
21	82367792	O-ring 79,2x5,7	O-Ring 79,2x5,7	1
Kit 94276872		Cylinder tube assy	Zylinderrohr komplett	
4	67411010	Grease nipple	Schmiernippel	1
8	67411010	Grease nipple	Schmiernippel	1
10	21981075	Bearing bush	Lagerbuchse	2
11	30676070	Plug	Stopfen	1
22	94238825	Distance bushing	Distanzbuchse	1
Kit 94276873		Piston rod assy	Kolbenstange komplett	
5	94440001	Piston rod	Kolbenstange	1
8	67411010	Grease nipple	Schmiernippel	1
9	94238826	Bearing bush	Lagerbuchse	1