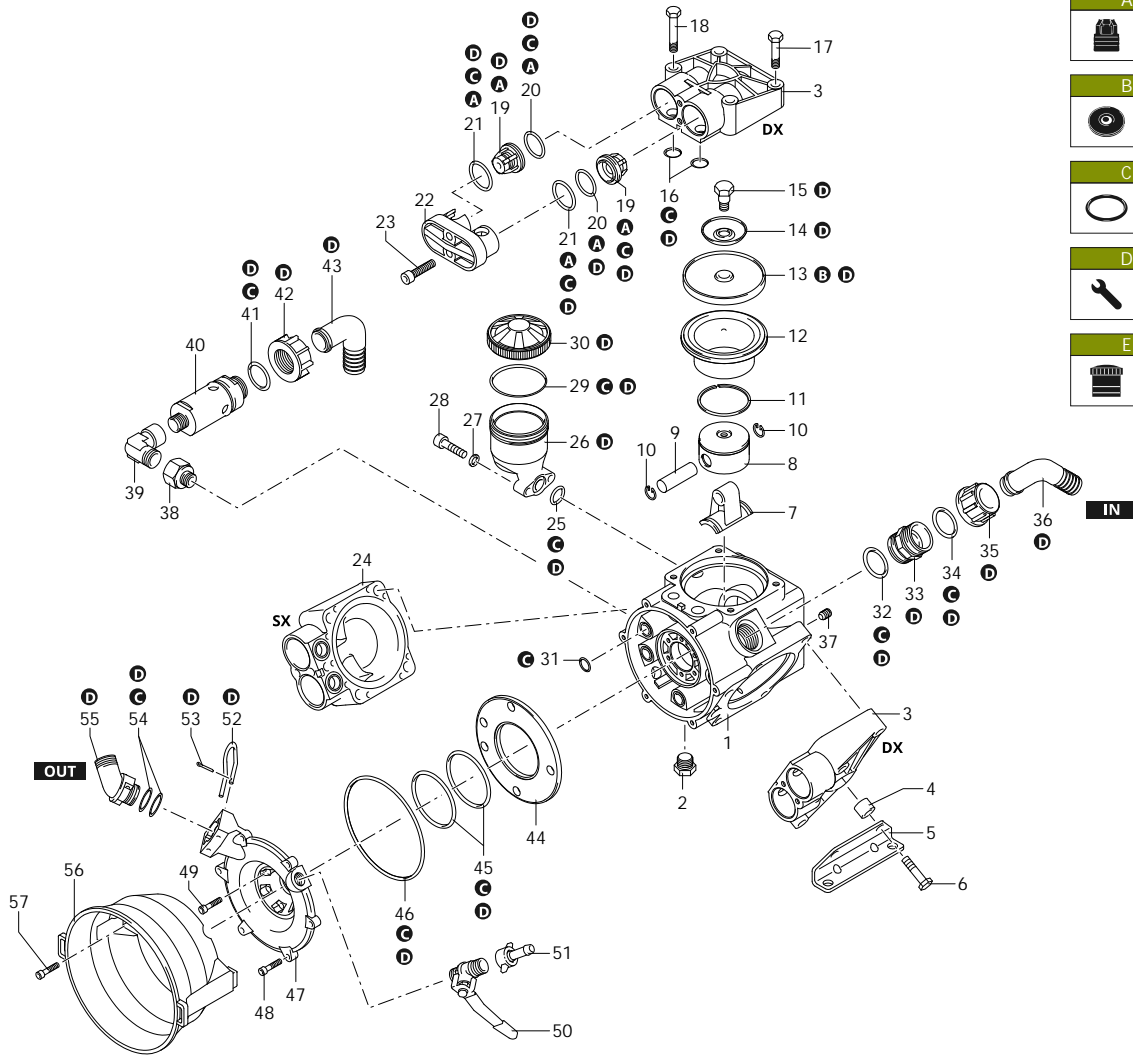




# AR 503

501 - 32102 - 509 - 32103



- A**
- B**
- C**
- D**
- E**

Code	Description	Q	Note
1	1300010 Pump body	1	
2	880530 Plug	1	C=20Nm
3	1300101 Head	2	dx
4	1300280 Spacer	2	
5	1300090 Foot	2	
6	1300360 Screw	4	C=40Nm
7	1300140 Connecting-rod	3	
8	620120 Piston	3	Ø 56
9	380300 Pin	3	Lubricate with Mineral Grease
10	380080 Ring	6	seeger Øi 14
11	160230 Piston ring	3	
12	1300110 Sleeve	3	
13	620080 Diaphragm	3	NBR - Øe 96
13	620082 Diaphragm	3	BlueFlex - Øe 96
13	620081 Diaphragm	3	Viton - Øe 96
13	620085 Diaphragm	3	Desmopan - Øe 96
14	1040180 Plate	3	
15	580360 Hub pin	3	C=20Nm / Lubricate Molykote 1000
16	480441 O-ring	6	Ø 17,13x2,62 Viton
17	200230 Screw	4	TE M10x45
18	640230 Screw	4	TE M10x60
19	1409050 Valve	6	
20	620030 O-ring	6	Ø 25,80x3,53
21	540361 O-ring	6	Ø 33,05x1,78
22	1300190 Plug	3	
23	620610 Screw	6	TCEI M8x30
24	1300102 Head	1	sx
25	390180 O-ring	1	Ø 18,72x2,62
26	1040310 Tank	1	
27	550331 Washer	2	
28	850850 Screw	2	TCEI M6x30
29	650920 O-ring	1	Ø 53,65x2,62
30	1040326 Plug	1	black
31	740291 O-ring	5	Ø 14x1,78
32	390290 O-ring	1	Ø 29x3
33	450120 Fitting	1	1" G - 1"1/4" G (M-M)
34	390290 O-ring	1	Ø 29x3
35	580060 Ring nut	1	1"1/4 G
36	580040 Elbow	1	Ø 30
37	770070 Screw	1	M10x10
38	881461 Threaded adapter	1	3/8" G - 1/2" G
39	881560 Fitting	1	1/2" G (M-F)
40	1609001 Safety valve	1	40 bar
41	880831 O-ring	1	Ø 15,54x2,62 Viton
42	550450 Ring nut	1	3/4" G
43	550460 Elbow	1	Ø 18
44	1300020 Manifold plate	1	
45	640030 O-ring	2	Ø 59,99x2,62

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- AR 503 SP - NBR • 501
- AR 503 SP - BlueFlex • 32102
- AR 503 AP C/SP - NBR • 509
- AR 503 AP C/SP - BlueFlex • 32103

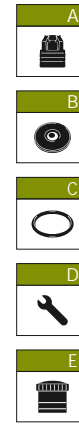
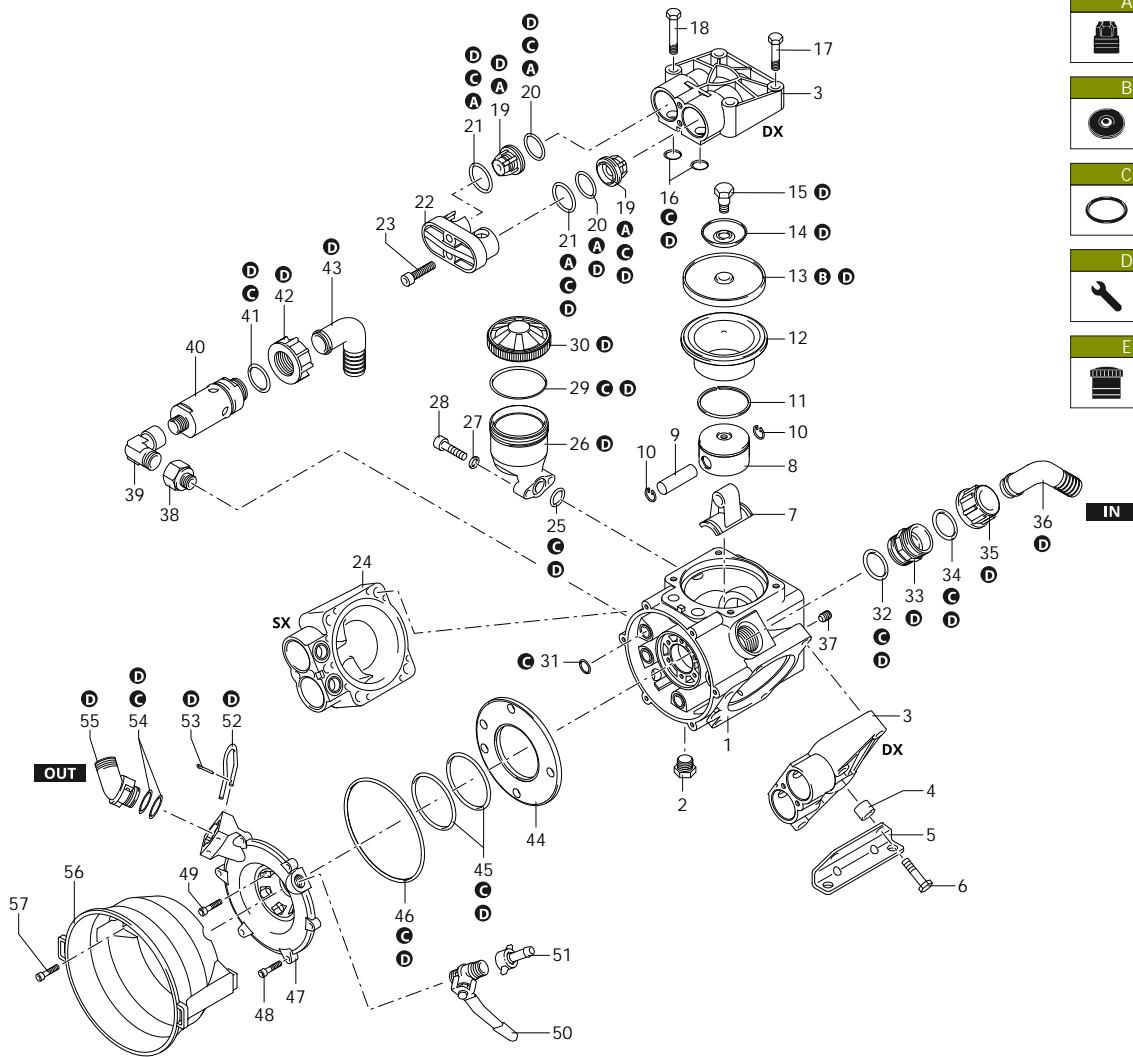


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Date: 04/10/2022



# AR 503

501 - 32102 - 509 - 32103



Code	Description		Q	Note
46	1300270 O-ring	Ø 126,67x2,62	1	Lubricate with motor oil
47	1300030 Line	delivery	1	
48	1040370 Screw	TCEI M6x22	3	C=10Nm
49	880280 Screw	TCEI M6x18	6	C=10Nm
50	130491 Valve	3/8" G - 1/2" G (M-M)	1	C=20Nm / Loxeal 55-14
51	110131 Ring nut	1/2" G	1	
52	1040690 Fork		1	
53	1040950 Split pin		1	
54	390180 O-ring	Ø 18,72x2,62	2	Lubricate with motor oil
55	1040760 Fitting	3/4" G	1	
56	1500130 Cardan protection		1	
57	1040370 Screw	TCEI M6x22	3	C=10Nm
A	1987 Valve kit		1	
B	1986 Diaphragms kit	NBR	1	
B	43198 Diaphragms kit	BlueFlex	1	
B	42964 Diaphragms kit	Desmopan	1	
C	1984 O-ring kit		1	
D	1985 Maintenance repair kit	NBR	1	
E	47193 Tank kit		1	

AR-2\_000204\_v01

AR 503 SP - NBR • 501  
 AR 503 SP - BlueFlex • 32102  
 AR 503 AP C/SP - NBR • 509  
 AR 503 AP C/SP - BlueFlex • 32103



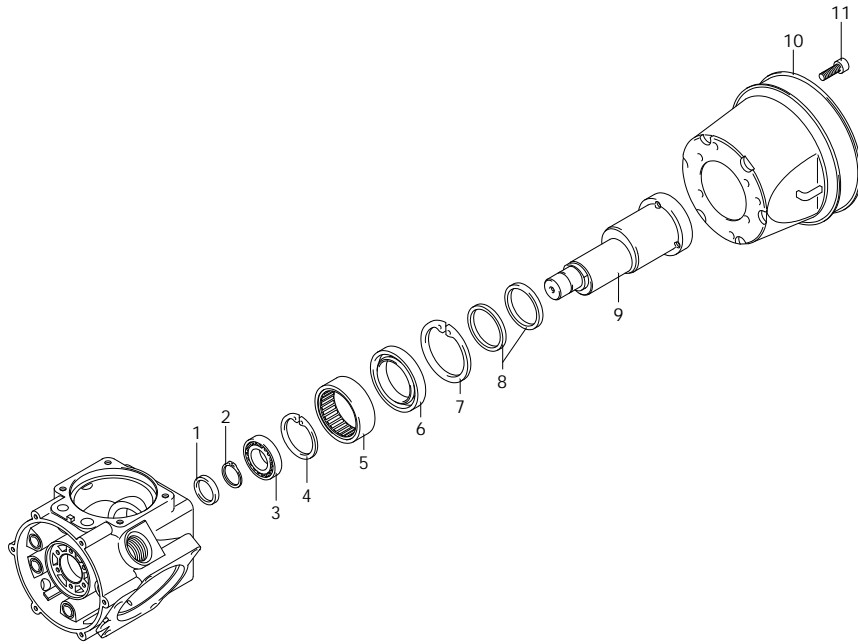
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# AR 503

501 - 32102 - 509 - 32103



	Code	Description		Q	Note
1	1300230	Ring	seal	1	Lubricate with Mineral Grease
2	1300050	Ring	seeger Øe 25	1	
3	1320370	Bearing		1	Press Mount
4	1260790	Ring	seeger Øi 52	1	
5	1300210	Bearing		1	Press Mount
6	1300220	Ring	seal	1	
7	1300240	Ring	seeger Øi 70	1	
8	1300120	Ring	Connecting-rod	1	
9	1300170	Shaft	Z marked	1	
10	1500350	Cardan protection	ø 199 mm	1	
11	820670	Screw	TCEI M10x16	4	C=10Nm
A	1987	Valve kit		1	
B	1986	Diaphragms kit	NBR	1	
B	43198	Diaphragms kit	BlueFlex	1	
B	42964	Diaphragms kit	Desmopan	1	
C	1984	O-ring kit		1	
D	1985	Maintenance repair kit	NBR	1	

AR-2\_000205\_v01

AR 503 SP - NBR • 501  
 AR 503 SP - BlueFlex • 32102  
 AR 503 AP C/SP - NBR • 509  
 AR 503 AP C/SP - BlueFlex • 32103



SAE 30  
0,600 Kg

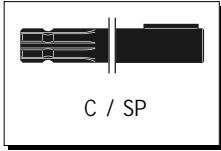
Revision: 1

Date: 04/10/2022

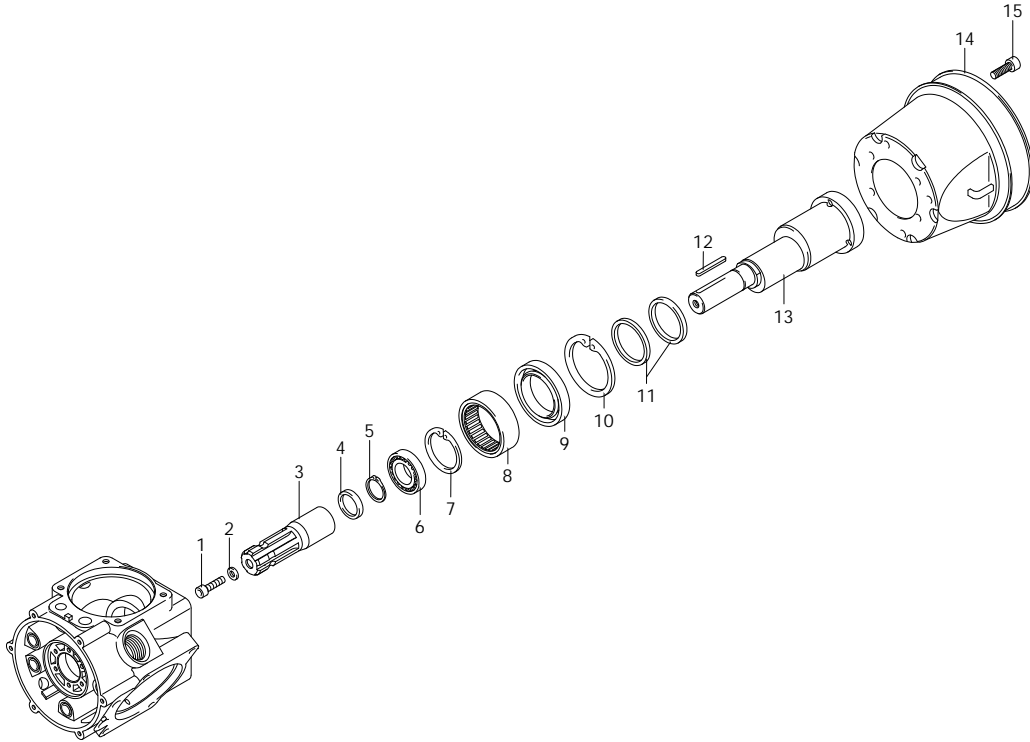


# AR 503

501 - 32102 - 509 - 32103



C / SP



Code	Description		Q	Note
1	680350 Screw	TCEI M8x35	1	C=10Nm
2	961340 Washer		1	
3	650300 Coupling		1	Spray Molykote D-321R / Lubricate with P-40 G
4	1300230 Ring	seal	1	Lubricate with Mineral Grease
5	1300050 Ring	seeger Øe 25	1	
6	1320370 Bearing		1	Press Mount
7	1260790 Ring	seeger Øi 52	1	
8	1300210 Bearing		1	Press Mount
9	1300220 Ring	seal	1	
10	1300240 Ring	seeger Øi 70	1	
11	1300120 Ring	Connecting-rod	1	
12	650250 Key		1	
13	1300160 Shaft	K marked	1	
14	1500350 Cardan protection	ø 199 mm	1	
15	820670 Screw	TCEI M10x16	4	C=10Nm
A	1987 Valve kit		1	
B	1986 Diaphragms kit	NBR	1	
B	43198 Diaphragms kit	BlueFlex	1	
B	42964 Diaphragms kit	Desmopan	1	
C	1984 O-ring kit		1	
D	1985 Maintenance repair kit	NBR	1	

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- AR 503 SP - NBR • 501
- AR 503 SP - BlueFlex • 32102
- AR 503 AP C/SP - NBR • 509
- AR 503 AP C/SP - BlueFlex • 32103



SAE 30  
0,600 Kg

Revision: 1

Date: 04/10/2022