

Spare parts list - shuttle valve X_R

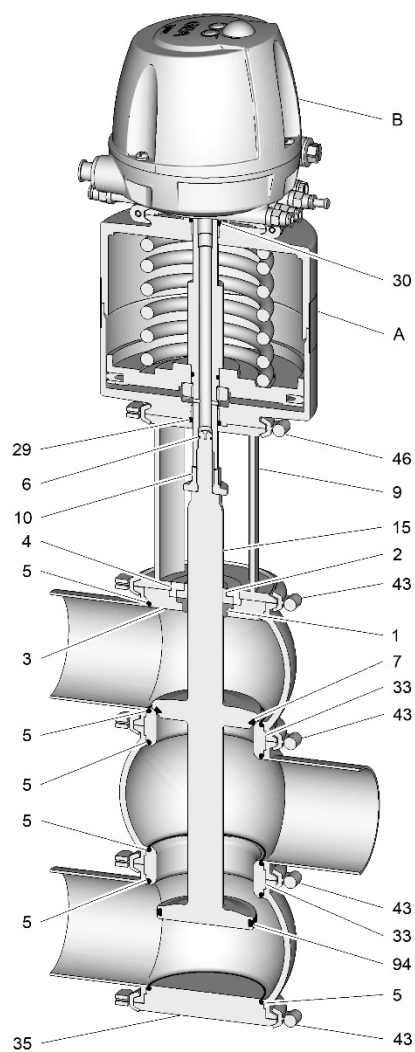


Fig.1

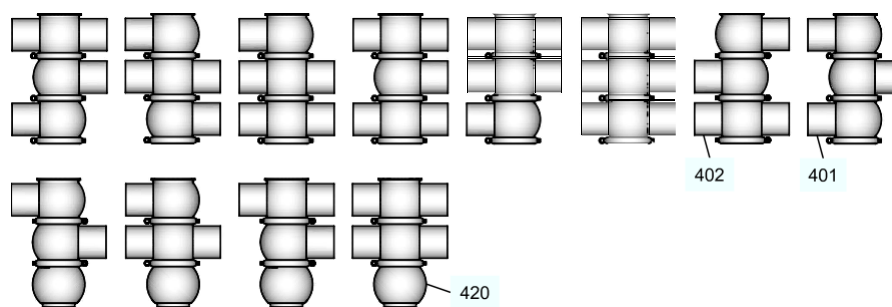


Fig.2

Spare parts list - shuttle valve X_R

Pos.	Designation	Material	DN 25	DN 40	DN 50	DN 65	DN 80	DN 100
Sealing set complete 1)		EPDM	221-304.45	221-304.46	221-304.46	221-304.47	221-304.47	221-304.48
		FKM	221-511.108	221-511.109	221-511.109	221-511.110	221-511.110	221-511.111
		HNBR	221-519.101	221-519.102	221-519.102	221-519.103	221-519.103	221-519.104
1*	Seal ring	EPDM	924-084	924-084	924-084	924-085	924-085	924-085
		FKM	924-082	924-082	924-082	924-083	924-083	924-083
		HNBR	924-311	924-311	924-311	924-313	924-313	924-313
2	Bearing	PTFE/carbon	935-001	935-001	935-001	935-002	935-002	935-002
	Bearing 3A	PEEK	935-098	935-098	935-098	935-099	935-099	935-099
3	Seal disk	1.4404	221-141.01	221-141.02	221-141.02	221-141.03	221-141.03	221-141.04
4	Bearing disc	1.4301	221-142.01	221-142.02	221-142.02	221-142.03	221-142.03	221-142.03
5*	O-ring	EPDM	930-309	930-144	930-144	930-150	930-150	930-156
		FKM	930-168	930-171	930-171	930-176	930-176	930-178
		HNBR	930-632	930-633	930-633	930-634	930-634	930-863
6*	O-ring	NBR	930-004	930-004	930-004	930-004	930-004	930-004
**7*	V-ring	EPDM	932-046	932-021	932-021	932-024	932-024	932-028
		FKM	932-030	932-033	932-033	932-035	932-035	932-039
		HNBR	932-087	932-088	932-088	932-090	932-090	932-100
9	Lantern	1.4301	221-121.01	221-121.02	221-121.02	221-121.03	221-121.03	221-121.04
10	Spacer nut	1.4305	221-147.02	221-147.02	221-147.02	221-147.01	221-147.01	221-147.01
15	Valve disk X_R	1.4404	221-700.08	221-700.09	221-700.10	221-700.11	221-700.12	221-700.13
29*	O-ring	NBR	930-026	930-026	930-026	930-026	930-026	930-026
30*	O-ring	NBR	930-026	930-026	930-026	930-026	930-026	930-026
33	Seat ring X_R	1.4404	221-699.12	221-699.13	221-699.13	221-699.14	221-699.14	221-699.15
35	Blanking plate	1.4404	221-144.01	221-144.02	221-144.02	221-144.03	221-144.03	221-144.04
43	Clamp join KL	1.4401	221-507.02	221-507.04	221-507.04	221-507.09	221-507.09	221-507.11
46	Clamp join KL	1.4401	221-507.06	221-507.06	221-507.06	221-507.06	221-507.06	221-507.06
94*	V-ring RA	EPDM	221-365.13	221-365.07	221-365.07	221-365.08	221-365.08	221-365.09
		FKM	221-365.21	221-365.10	221-365.10	221-365.11	221-365.11	221-365.12
		HNBR	221-365.24	221-365.18	221-365.18	221-365.20	221-365.20	221-365.19
401***	Housing V1	1.4404	221-101.19	221-101.21	221-101.22	221-101.05	221-101.06	221-101.07
402***	Housing V2	1.4404	221-102.41	221-102.43	221-102.44	221-102.05	221-102.06	221-102.07
420	Housing connection X	1.4404	221-672.16	221-672.17	221-672.18	221-672.19	221-672.20	221-672.21
A	Actuator VARIVENT®		See parts list/dimensions sheet for VARIVENT® actuator					
B	Control top S		See spare parts list for control head S					
	Control top T.VIS®		See parts list for control top T.VIS®					
Grease RIVOLTA F.L.G. 100 g tube not included with sealing set.					413-136			
1) The sealing set includes items 1, 5, 6, 7, 28, 29 and 30								
* Items marked with an * are wearing parts								
** Do not grease Item 7								
*** Enclosure also available as welded enclosure to be configured; pos. 33, 401 and 402 omitted; pos. 5 and 43 also omitted for enclosure connection								

Item.	Designation	Material	1" OD	1,5" OD	2" OD	2,5" OD	3" OD	4" OD
Sealing set complete 1)		EPDM	221-304.45	221-304.46	221-304.46	221-304.47	221-304.47	221-304.48
		FKM	221-511.108	221-511.109	221-511.109	221-511.110	221-511.110	221-511.111
		HNBR	221-519.101	221-519.102	221-519.102	221-519.103	221-519.103	221-519.104
1*	Seal ring	EPDM	924-084	924-084	924-084	924-085	924-085	924-085
		FKM	924-082	924-082	924-082	924-083	924-083	924-083
		HNBR	924-311	924-311	924-311	924-313	924-313	924-313
2	Bearing	PTFE/carbon	935-001	935-001	935-001	935-002	935-002	935-002
	Bearing 3A	PEEK	935-098	935-098	935-098	935-099	935-099	935-099
3	Seal disk	1.4404	221-141.01	221-141.02	221-141.02	221-141.03	221-141.03	221-141.04
4	Bearing disc	1.4301	221-142.01	221-142.02	221-142.02	221-142.03	221-142.03	221-142.03
5*	O-ring	EPDM	930-309	930-144	930-144	930-150	930-150	930-156
		FKM	930-168	930-171	930-171	930-176	930-176	930-178
		HNBR	930-632	930-633	930-633	930-634	930-634	930-863
6*	O-ring	NBR	930-004	930-004	930-004	930-004	930-004	930-004
**7*	V-ring	EPDM	932-046	932-021	932-021	932-024	932-024	932-028
		FKM	932-030	932-033	932-033	932-035	932-035	932-039
		HNBR	932-087	932-088	932-088	932-090	932-090	932-100
9	Lantern	1.4301	221-121.01	221-121.07	221-121.07	221-121.08	221-121.08	221-121.09
10	Spacer nut	1.4305	221-147.02	221-147.02	221-147.02	221-147.01	221-147.01	221-147.01
15	Valve disk X_R	1.4404	221-700.14	221-700.15	221-700.16	221-700.17	221-700.18	221-700.19
29*	O-ring	NBR	930-026	930-026	930-026	930-026	930-026	930-026
30*	O-ring	NBR	930-026	930-026	930-026	930-026	930-026	930-026
33	Seat ring X_R	1.4404	221-699.12	221-699.13	221-699.13	221-699.14	221-699.14	221-699.15
35	Blanking plate	1.4404	221-144.01	221-144.02	221-144.02	221-144.03	221-144.03	221-144.04
43	Clamp join KL	1.4401	221-507.02	221-507.04	221-507.04	221-507.09	221-507.09	221-507.11
46	Clamp join KL	1.4401	221-507.06	221-507.06	221-507.06	221-507.06	221-507.06	221-507.06
94*	V-ring RA	EPDM	221-365.13	221-365.07	221-365.07	221-365.08	221-365.08	221-365.09
		FKM	221-365.21	221-365.10	221-365.10	221-365.11	221-365.11	221-365.12
		HNBR	221-365.24	221-365.18	221-365.18	221-365.20	221-365.20	221-365.19
401***	Housing V1	1.4404	221-101.27	221-101.28	221-101.29	221-101.30	221-101.31	221-101.32
402***	Housing V2	1.4404	221-102.52	221-102.53	221-102.54	221-102.55	221-102.56	221-102.57
420	Housing connection X	1.4404	221-672.06	221-672.03	221-672.04	221-672.01	221-672.02	221-672.05
A	Actuator VARIVENT®		See parts list/dimensions sheet for VARIVENT® actuator					
B	Control top S		See spare parts list for control head S					
	Control top T.VIS®		See parts list for control top T.VIS®					
Grease RIVOLTA F.L.G. 100 g tube not included with sealing set.					413-136			
1) The sealing set includes items 1, 5, 6, 7, 28, 29 and 30								
* Items marked with an * are wearing parts								
** Do not grease Item 7								
*** Enclosure also available as welded enclosure to be configured; pos. 33, 401 and 402 omitted; pos. 5 and 43 also omitted for enclosure connection								

Spare parts list - shuttle valve X_R

Sealing sets for shuttle valve X_R							
Item	Qty	Designation	Material	DN 25 1"	DN 40/50 1,5"/2"	DN 65/80 2,5"/3"	DN 100 4"
1	1	Seal ring	Ø	22	22	28	28
			EPDM	924-084	924-084	924-085	924-085
			FKM	924-082	924-082	924-083	924-083
			HNBR	924-311	924-311	924-313	924-313
5	6	O-ring	Ø	42 x 3	60 x 3	85 x 4	113 x 4
			EPDM	930-309	930-144	930-150	930-156
			FKM	930-168	930-171	930-176	930-178
			HNBR	930-632	930-633	930-634	930-863
6	1	O-ring	Ø	8 x 1,6	8 x 1,6	8 x 1,6	8 x 1,6
			NBR	930-004	930-004	930-004	930-004
**7	1	V-ring	Ø	35-5	52-6	76-6	104-6
			EPDM	932-046	932-021	932-024	932-028
			FKM	932-030	932-033	932-035	932-039
			HNBR	932-087	932-088	932-090	932-100
29	1	O-ring	Ø	20 x 3	20 x 3	20 x 3	20 x 3
			NBR	930-026	930-026	930-026	930-026
30	1	O-ring	Ø	20 x 3	20 x 3	20 x 3	20 x 3
			NBR	930-026	930-026	930-026	930-026
94	1	V-ring RA/I	Ø	DN25	DN50/40	DN80/65	DN100
			EPDM	221-365.13	221-365.07	221-365.08	221-365.09
			FKM	221-365.21	221-365.10	221-365.11	221-365.12
			HNBR	221-365.24	221-365.18	221-365.20	221-365.19
Sealing set complete			EPDM	221-304.45	221-304.46	221-304.47	221-304.48
			FKM	221-511.108	221-511.109	221-511.110	221-511.111
			HNBR	221-519.101	221-519.102	221-519.103	221-519.104
Grease RIVOLTA F.L.G. 100g tube not included in the seal kit **do not grease item 7						413-136	
Storage information: Store according to DIN 7716 / relative humidity approx. 65%, temperature 15-25°C and protected from light When replacing seals, observe the instructions in the instruction manual! 429-060							