

Spare Parts for **series P 120** diameters 40, 50, 63 and 80 mm
series P 140 Cylinder with Brake diameters 40, 50, 63 and 80 mm
series P 130 Cylinder with Roller Guide diameter 40 mm

When ordering replacement parts please specify the cylinder series, diameter and stroke length according to the cylinder label.

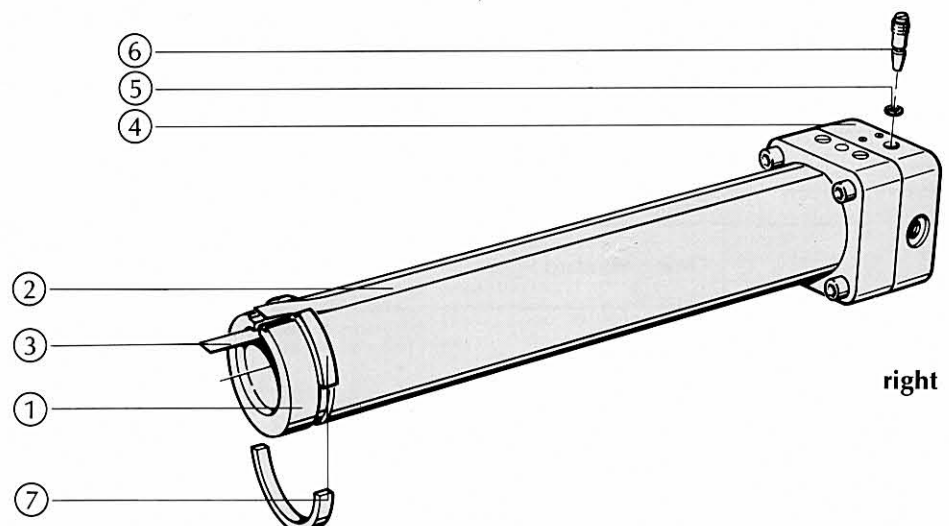
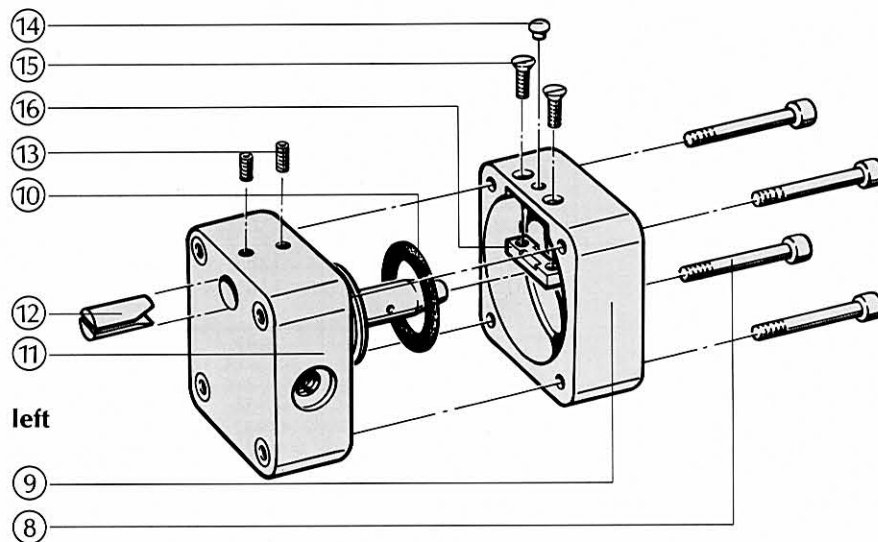
Service Packs			Ident No.			
Position	Description	Series	ø 40	ø 50	ø 63	ø 80
2, 3, 5, 10, 20, 22, 28, 31, 38	Service Pack, standard S*	P 120 S P 140 S P 130	0483	0484	0485	0486
2, 3, 5, 10, 20, 22, 28, 31, 38	Service Pack, viton S*	P 120 S P 140 S P 130	0493	0494	0495	0496
2, 3, 5, 10, 20, 22, 28, 31, 45	Service Pack, standard L*	P 120 S P 140 S	0501	0502	0503	0504
2, 3, 5, 10, 20, 22, 28, 31, 45	Service Pack, viton L*	P 120 L P 140 L	0505	0506	0507	0508
5, 10, 20, 22, 28, 31, 38	Seal Kit, standard S*	P 120 S P 140 S P 130	4811	5811	6811	8811
5, 10, 20, 22, 28, 31, 38	Seal Kit, viton S	P 120 S P 140 S P 130	4812	5812	6812	8812
5, 10, 20, 22, 28, 31, 45	Seal Kit, standard L*	P 120 L P 140 L	4813	5813	6813	8813
5, 10, 20, 22, 28, 31, 45	Seal Kit, viton L*	P 120 L P 140 L	4814	5814	6814	8814

* Service Packs and Seal Kits include lubricating grease.

Individual Spare Parts			Ident No.			
Position	Description	Series	ø 40	ø 50	ø 63	ø 80
1	Cylinder barrel S	P 120 S+stroke P 140 S+stroke P 130 +stroke	4821	5821	6821	8821
2	Outer band S	P 120 S+stroke P 140 S+stroke P 130 +stroke	4822	5822	6822	8822
3	Inner band S	P 120 S+stroke P 140 S+stroke P 130 +stroke	4823	5823	6823	8823
1	Cylinder barrel L	P 120 L+stroke P 140 L+stroke	4824	5824	6824	8824
2	Outer band L	P 120 L+stroke P 140 L+stroke	4825	5825	6825	8825
3	Inner band L	P 120 L+stroke P 140 L+stroke	4826	5826	6826	8826
4	End cap, right for P120, P140		4832	5832	6832	8832
5	O-ring, standard		1211	1211	1211	1211
5	O-ring, viton		1212	1212	1212	1212
6	Cushion needle		1213	1213	1257	1257
6	Cushion needle, stainless		1214	1214	1228	1228
7	Set of lock rings		1207	1244	1254	1263

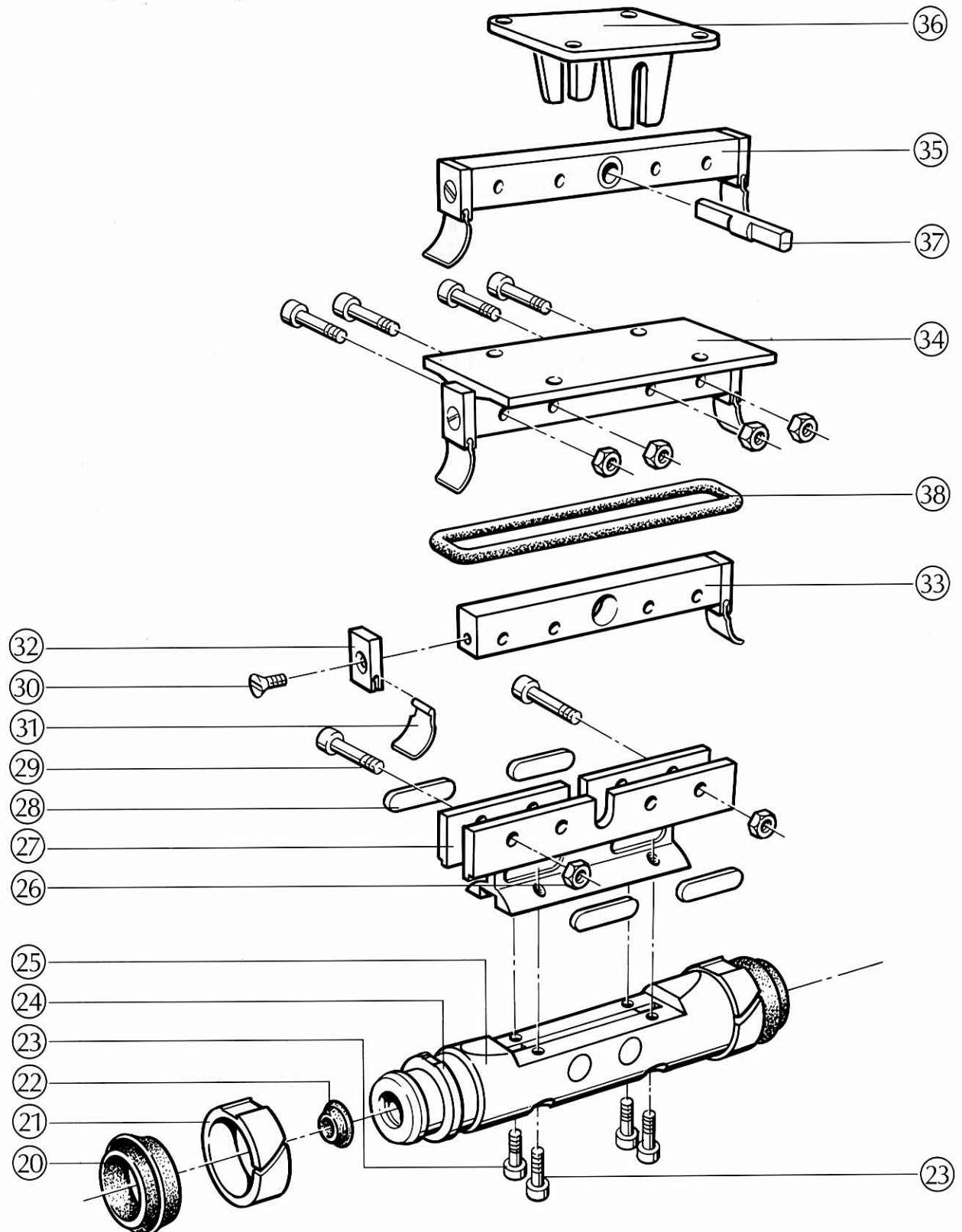
Position	Description	Ident No.			
		ø 40	ø 50	ø 63	ø 80
8	Screw	1202	1241	1251	1261
8	Screw, stainless	1215	1222	1229	1236
9, 14	Cap ring with plug	1216	1223	1231	1237
10	O-ring, standard	1208	1245	1255	1264
10	O-ring, viton	1209	1246	1256	1267
11	End cap, left for P 120, P 140	4831	5831	6831	8831
12, 13	Inner band lock with set screw	1217	1224	1232	1238
12, 13	Inner band lock with set screw, stainless	1218	1225	1233	1239
15, 16	Outer band lock with screw	1219	1234	1234	1234
15, 16	Outer band lock with screw, stainless	1221	1235	1235	1235

P 120, P 140, P 130



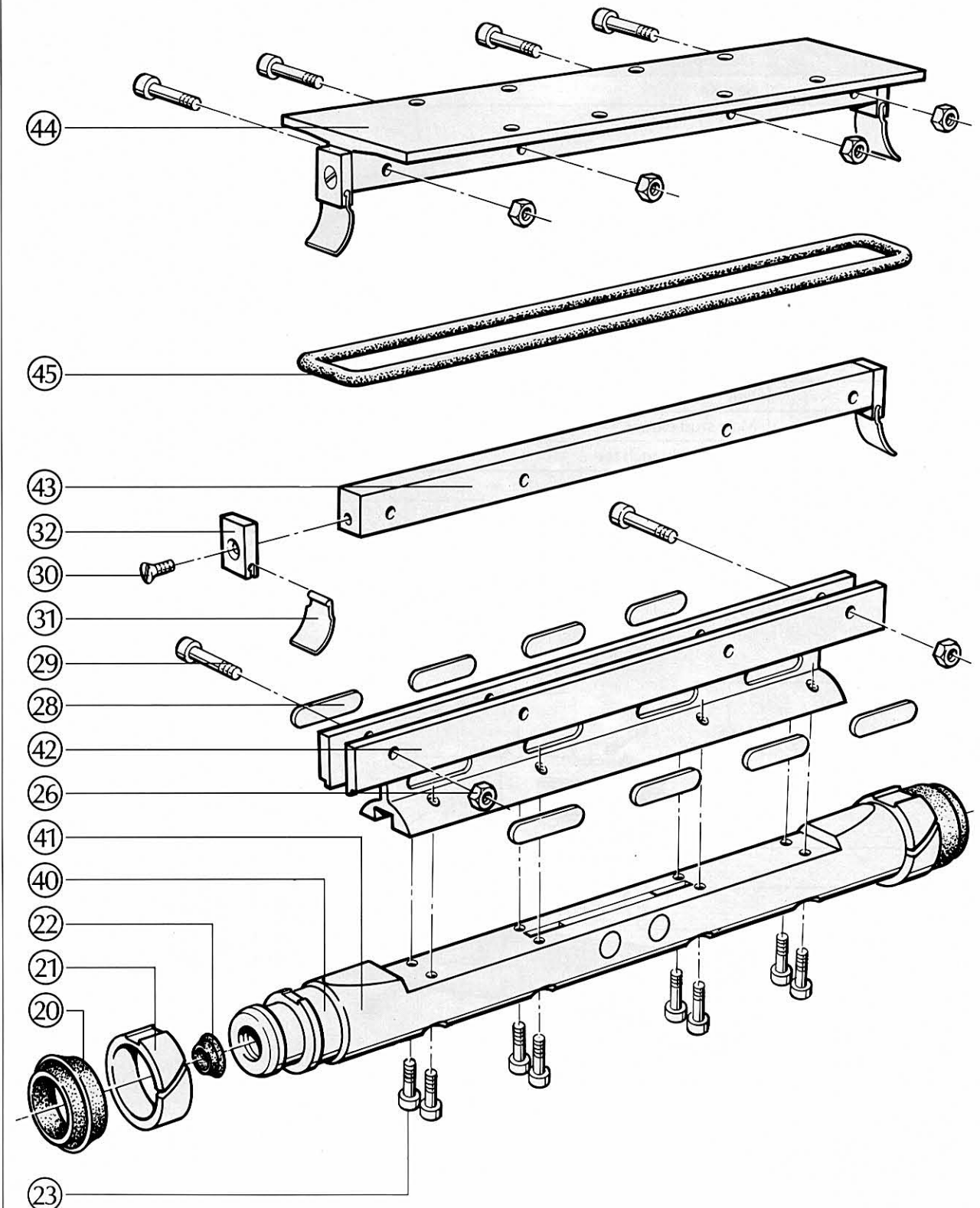
Individual Spare Parts			Ident No.			
Position	Description	Series	ø 40	ø 50	ø 63	ø 80
20	Piston seal, standard	P 120 S+L P 140 S+L P 130	1275	1325	1345	1375
20	Piston seal, viton	P 120 S+L P 140 S+L P 130	1276	1326	1346	1376
21	Bearing ring	P 120 S+L P 140 S+L P 130	1274	1324	1344	1374
22	Cushion seal, standard	P 120 S+L P 140 S+L P 130	1277	1277	1347	1377
22	Cushion seal, viton	P 120 S+L P 140 S+L P 130	1278	1278	1348	1378
21, 23, 24, 27	Piston S without magnet	P 120 S P 140 S P 130	4841 4841 3273	5841 5841 -	6841 6841 -	8841 8841 -
21, 23, 25, 27	Piston S with magnet	P 120 S P 140 S P 130	4843 4843 3274	5843 5843 -	6843 6843 -	8843 8843 -
26	Nut	P 120 S+L P 140 S+L P 130	1284	1284	1354	1404
26	Nut, stainless	P 120 S+L P 130	2598 2598	2598 -	2599 -	2601 -
27	Piston yoke S	P 120 S P 140 S P 130	1287 1287 3257	1329 1329 -	1356 1356 -	1406 1406 -
29	Screw	P 120 S+L P 140 S+L P 130	1283 1241 1283	1283 1241 -	1353 1251 -	1403 1799 -
29	Screw, stainless	P 120 S+L P 130	2692 2692	2692 -	2695 -	2699 -
30, 32, 33	Mounting type S 20	P 120 S P 140 S P 130	1817 1817 3259	2502 2502 -	2503 2503 -	2504 2504 -
30, 32, 33	Mounting type S 20, stainless	P 130	3709	-	-	-
30, 32, 34	Mounting type S 22	P 120 S P 140 S	2505 1959	2506 1960	2507 1954	2508 2508
30, 32, 35, 36, 37	Mounting type S 25	P 120 S P 140 S	1291	1333	1359	1409
30, 32, 35, 36, 37	Mounting type S 25, stainless	P 120 S	1304	1307	1311	1314
36	Clevis	P 120 S P 140 S	1947	1947	1955	1963
37	Carrier pin	P 120 S P 140 S	1948	1948	1956	1964
37	Carrier pin, stainless	P 120 S	1949	1949	1957	1965
38	O-ring, standard S	P 120 S P 140 S P 130	1281	1327	1351	1401
38	O-ring, viton S	P 120 S P 140 S P 130	1282	1328	1352	1402
28	Bearing strip	P 120 S+L P 140 S+L P 130	see Service Packs page 5.3/1			
31	Scraper	P 120 S+L P 140 S+L P 130	see Service packs page 5.3/1			

P 120/S, P 140/S, P 130



Individual Spare Parts			Ident No.			
Position	Description	Series	ø 40	ø 50	ø 63	ø 80
20	Piston seal, standard	P 120 S+L P 140 S+L	1275	1325	1345	1375
20	Piston seal, viton	P 120 S+L P 140 S+L	1276	1326	1346	1376
21	Bearing ring	P 120 S+L P 140 S+L	1274	1324	1344	1374
22	Cushion seal, standard	P 120 S+L P 140 S+L	1277	1277	1347	1377
22	Cushion seal, viton	P 120 S+L P 140 S+L	1278	1278	1348	1378
26	Nut	P 120 S+L P 140 S+L	1284	1284	1354	1404
26	Nut, stainless	P 120 S+L	2598	2598	2599	2601
29	Screw	P 120 S+L P 140 S+L	1283 1241	1283 1241	1353 1251	1403 1799
29	Screw, stainless	P 120 S+L	2692	2692	2695	2699
21, 23, 40, 42	Piston L without magnet	P 120 L P 140 L	4842	5842	6842	8842
21, 23, 41, 42	Piston L with magnet	P 120 L P 140 L	4844	5844	6844	8844
42	Piston yoke L	P 120 L P 140 L	1298	1337	1367	1417
30, 32, 43	Mounting type L 26	P 120 L P 140 L	2492	2493	2494	2495
30, 32, 44	Mounting type L 28	P 120 L	2496	2497	2498	2499
45	O-ring, standard L	P 120 L P 140 L	1296	1335	1365	1415
45	O-ring, viton L	P 120 L P 140 L	1297	1336	1366	1416
28	Bearing strip	P 120 S+L P 140 S+L	see Service Packs page 5.3/1			
31	Scraper	P 120 S+L P 140 S+L	see Service Packs page 5.3/1			

P 120 L, P 140 L



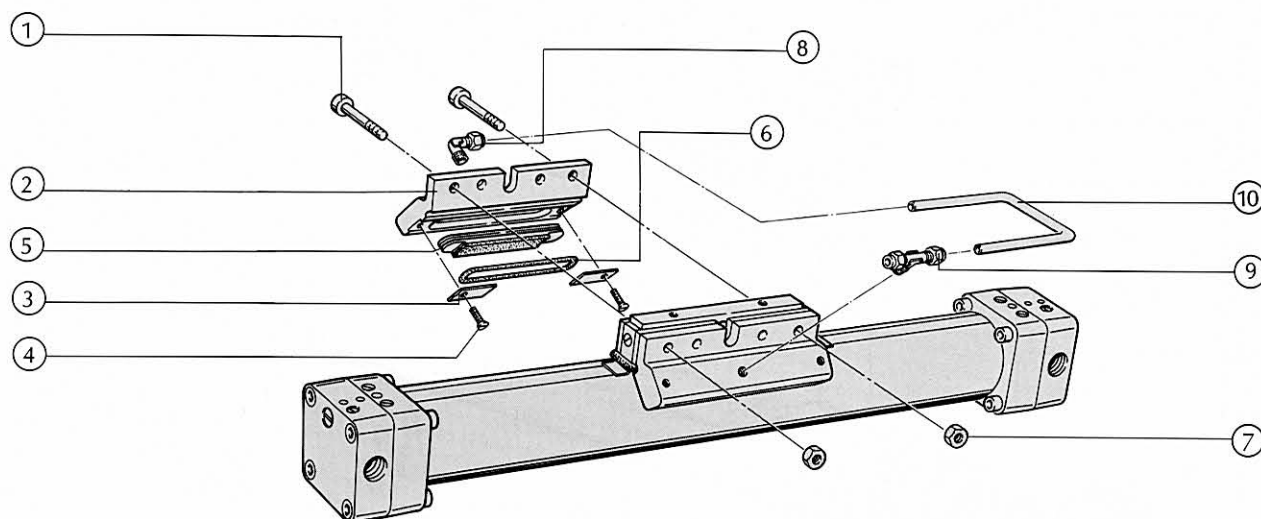
Spare Parts for series P 140 Cylinder with Brake diameters 40, 50, 63 and 80 mm

When ordering replacement parts please specify the cylinder series, diameter and stroke length according to the cylinder label.

Seal Kit		Ident No.			
Position	Description	ø 40	ø 50	ø 63	ø 80
5, 6	Seal Kit	4816	5816	6816	8816

Individual Spare Parts		Ident No.			
Position	Description	ø 40	ø 50	ø 63	ø 80
1	Screw	1241	1241	1251	1799
2	Brake housing for P 140 S	1716	1725	1746	1756
2	Brake housing for P 140 L	2899	2903	2906	2909
3	Spring plate	1726	1726	1726	1726
4	Screw	1549	1549	1549	1549
7	Nut	1284	1284	1354	1404
8	Male stud elbow	2792	2792	2792	2792
9	Male stud branch tee	2793	2793	2793	2793
10	Pipe for P 140 S	2794	2795	2796	2797
10	Pipe for P 140 L	2898	2902	2905	2908

P 140



Spare Parts for Optional Features

End cap with Air Connection	Ident No.							
	ø 40		ø 50		ø 63		ø 80	
	left*	right*	left*	right*	left*	right*	left*	right*
Offset by 90°	1501	1701	1531	1731	1561	1761	1591	1791
End face	1502	1702	1532	1732	1562	1762	1592	1792

Proximity Switch	Ident No.			
	ø 40	ø 50	ø 63	ø 80
Reed switch RS (with cable)	2975	2975	2975	2975
Inductive switch IS (without cable)	2969	2969	2969	2969
Cable for Inductive switch IS	4041	4041	4041	4041

Lubrication	Ident No.
Grease for slow speed < 0.2 m/s, tube 20 g	3185
Grease for normal speed, tube 20 g	1598
Grease for normal speed, 0.5 kg tin	2773

* Refers to the respective cylinder side (illustrated on page 5.3/2)

Spare Parts for VO Valve for series P 120 and P 140

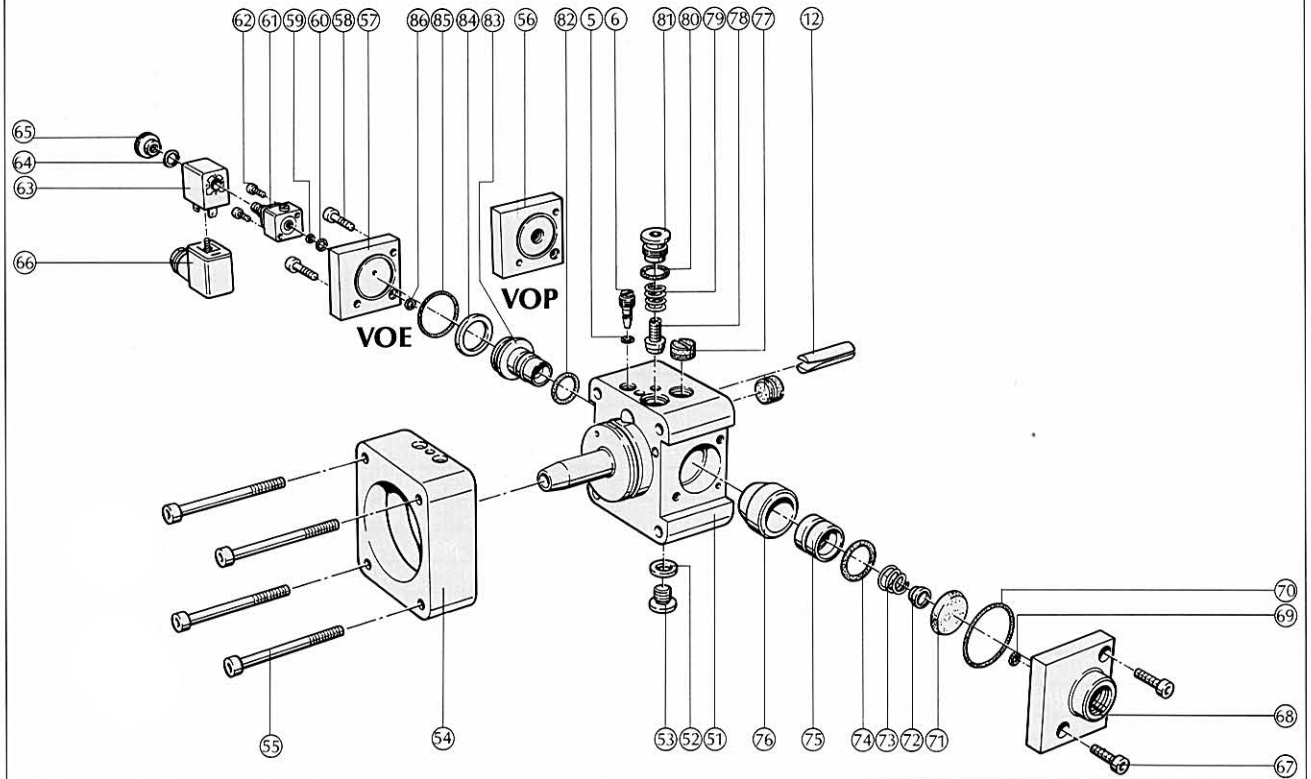
Valves	Ident No.							
	ø 40		ø 50		ø 63		ø 80	
	left*	right*	left*	right*	left*	right*	left*	right*
Pneumatic 3/2 way valve VOP	1518	1718	1541	1741	1571	1771	1578	1778
Electrically operated 3/2 way valve VOE (without solenoid)	1509	1709	1539	1739	1569	1769	1579	1779
Solenoid for 24 V =	2931		2931		2931		1511	
24 V/50 Hz	2932		2932		2932		1512	
48 V =	2933		2933		2933		1513	
48 V/50 Hz	2934		2934		2934		1527	
110 V/50 Hz	2935		2935		2935		1515	
110 V/60 Hz	2936		2936		2936		1516	
220 V-240 V/50 Hz	2937		2937		2937		1517	
Plug 10-50 V ≅	2803		2803		2803		2805	
Plug 70-250 V ≅	2804		2804		2804		2806	

* Refers to the respective cylinder side (illustrated on page 5.3/2)

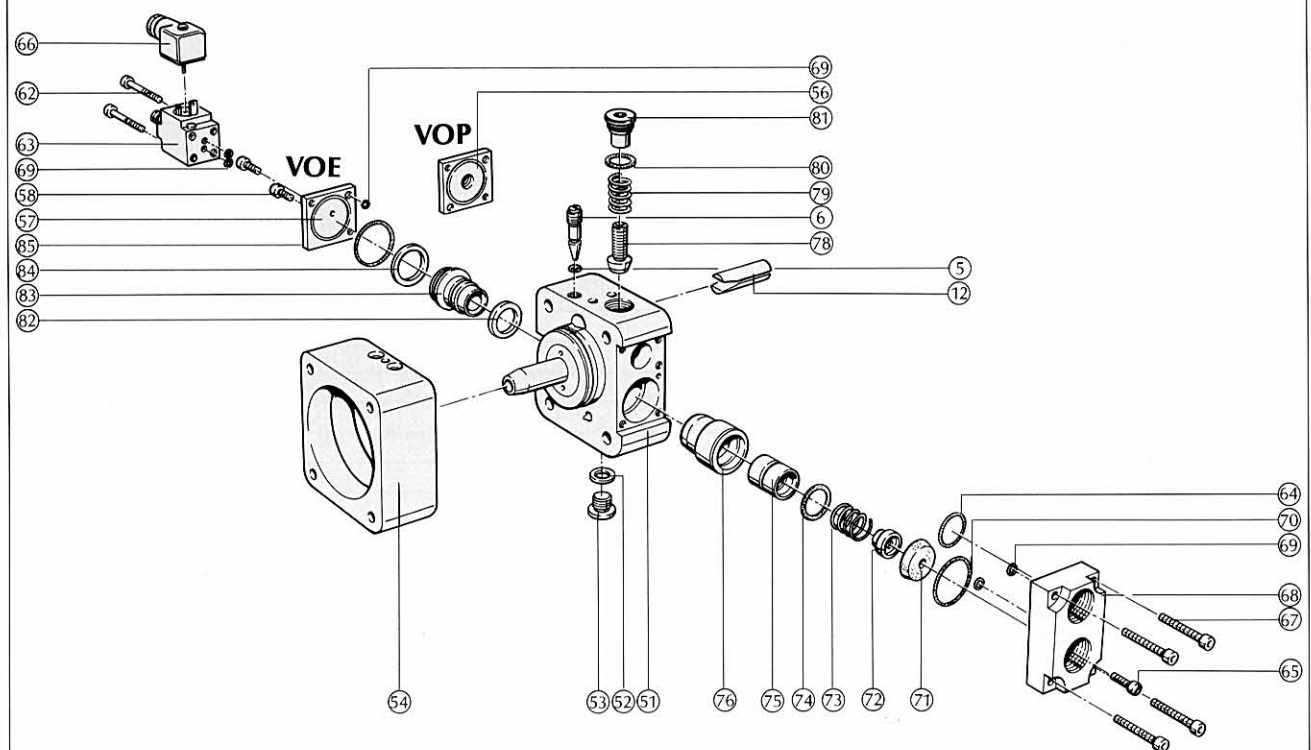
Note: The following end cap replacement parts apply when using VOE/VOP valves (illustrated on page 5.3/2)

Ident No.					
Position	Description	ø 40	ø 50	ø 63	ø 80
8	Screw (on VO)	1521	1521	1573	1261
8	Screw (on VO), stainless	2693	2693	2698	1236

Ø 40-63



Ø 80



Spare Parts for series P 130 Cylinder with Roller Guide diameter 40 mm

When ordering replacement parts please specify the cylinder series, diameter and stroke length according to the cylinder label.

Service Packs		Ident-No.
Position	Description	Ø 40
4, 6	Service Packs Guide P 130	4815
Individual Spare Parts		Ident-No.
Position	Description	Ø 40
1	Link plate	3255
1	Link plate, stainless	3704
2	Concentric bolt	3248
2	Concentric bolt, stainless	3705
3	Eccentric bolt	3249
3	Eccentric bolt, stainless	3706
5	Roller	3247
5	Roller, stainless	3707
7, 8, 9	Mounting	3259
7, 8, 9	Mounting, stainless	3709
10	Washer 10x16	3376
10	Washer 10x16, stainless	3711
11	Cover plate	3251
12	Screw	3254
12	Screw, stainless	3713
13	Screw	1323
13	Screw, stainless	3714
14	Screw	3256
14	Screw, stainless	3715
15	Guide carriage	3246
15	Guide carriage, stainless	3966
21	Piston with magnet	3274
22	Screw	2742
22	Screw, stainless	3716
23	Washer 5,3	0391
23	Washer 5,3, stainless	0392
24	End cap, left	1501
25	End cap, right	1501
26	Guide rod	3267
26	Guide rod, stainless	3719
26	Guide rod for VO option	3726
27	Clamp profile	3268
27	Clamp profile for VO option	3728
28	Support profile	3269
28	Support profile for VO option	3727
29	T-Nut profile	3271
30	Screw	1102
30	Screw, stainless	1103
31	Screw	3275
31	Screw, stainless	3717
32	Locking Washer 6,4	3789
32	Locking Washer 6,4, stainless	3792
33	Cover plate	3609
33	Cover plate	3721
34	Washer 12x18	3664
34	Washer 12x18, stainless	3712

Cylinder spare parts for series P 130 please refer to page 5.3/1 – 5.3/4 (series P 120 S)

P 130

