

AXIAL-PISTON UNITS ARE PRODUCED UNDER THE LICENCE SAUER – SUNDSTRAND SINCE 1980



HYDROSILA

GENUINE

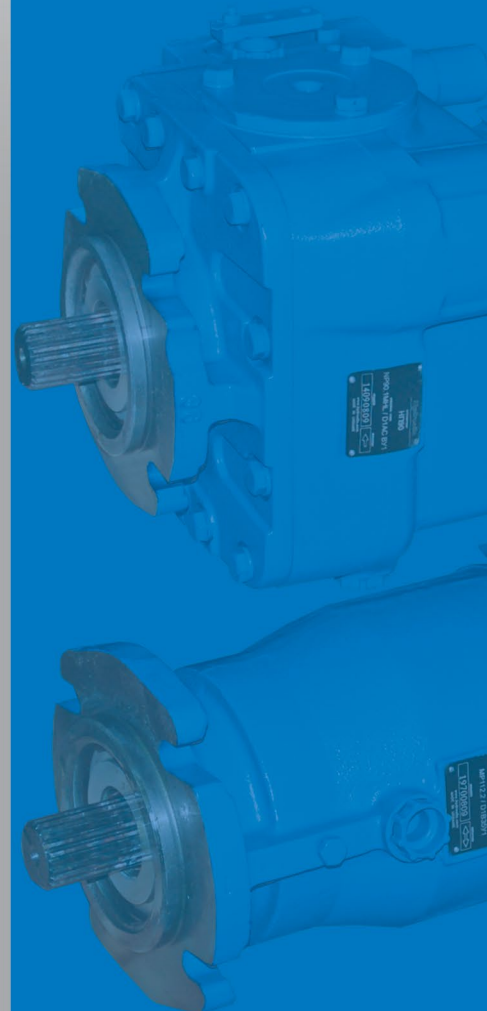
SPARE PARTS



Axial-piston pumps
PVS33, PVS52, PVS71, PVS90;

Axial-piston motors
MFS33, MFS52, MFS71, MFS90;

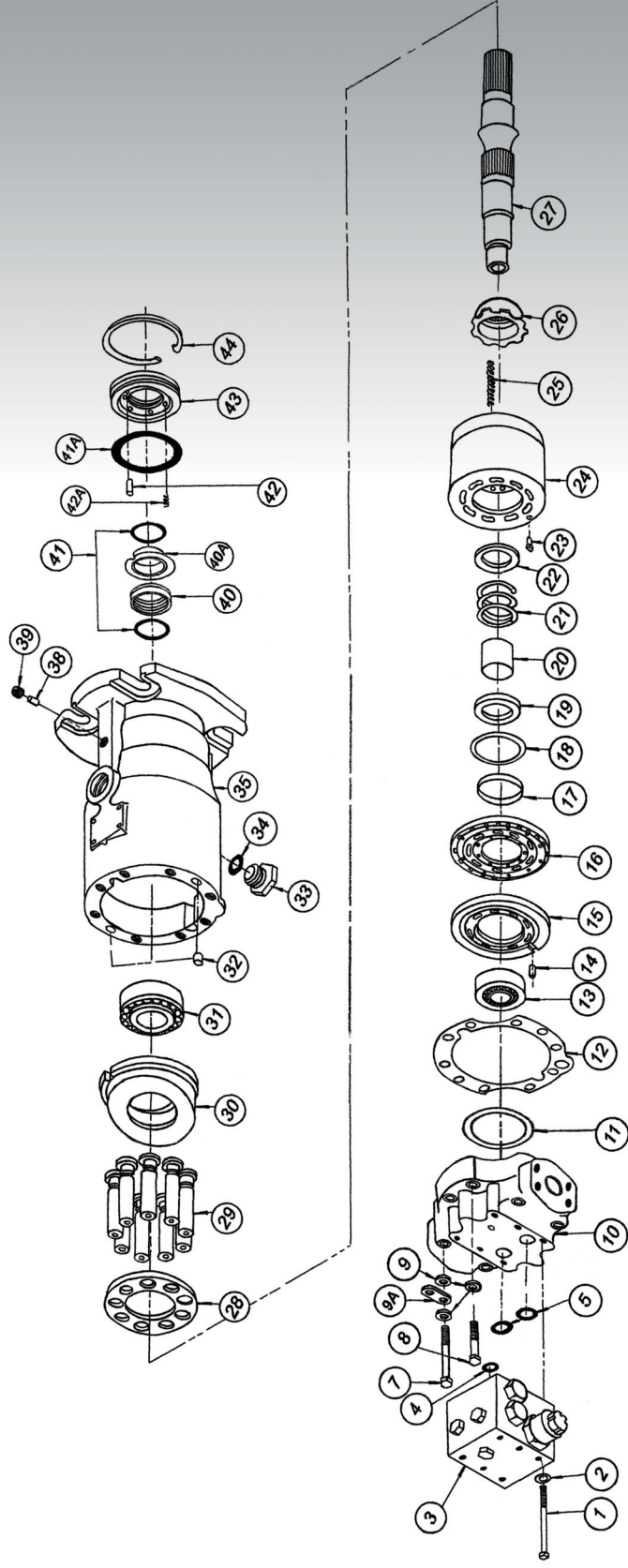
Rotating Group
33, 52, 71, 90, 112, 165, 224, 330





Pos.	Item	Indication		
		PVS33	PVS52	PVS71
1	Hexagonal Bolt	PVS33-00.040	PVS33-00.040	PVS90-00.040
2	Washer	PVS90-00.044	PVS90-00.044	PVS90-00.044
3	Charge Pump	CPX-00.000	CPX-00.000	CPX-00.000
4	Gasket	PVS90-00.016	PVS90-00.016	PVS90-00.016
5	Check Valve	PVS90-07.000C5	PVS90-07.000C5	PVS90-07.000C5
6	Hexagonal Bolt	PVS33-00.032	PVS33-00.032	PVS90-00.032
7	Hexagonal Bolt	PVS33-00.031	PVS33-00.031	PVS90-00.031
8	Washer	PVS33-00.046	PVS33-00.046	PVS90-00.046
8A	U-bolt	PVS33-00.007	PVS33-00.007	PVS90-00.007
9	Back Cover	PVS33-00.005	PVS52-00.005	PVS90-00.005
10	Shim	PVS33-00.019	PVS52-00.019	PVS90-00.019
11	Gasket	PVS33-00.015	PVS52-00.015	PVS90-00.015
12	Bearing	Serie HM 81610 Serie HM 81649	Serie 21075 Serie 21212	Serie M 84210 Serie M 84249
13	Cylindrical Pin	PVS33-00.023	PVS90-00.023	PVS90-00.023
14	Valve Plate	PVS33-00.001	PVS52-00.001	PVS90-00.001
15	Bearing Plate	PVS33-01.002	PVS52-01.002	PVS90-01.002
16	Cylindrical Pin	PVS90-00.022	PVS90-00.022	PVS90-00.022
17	Seal Ring	O-Ring 12,42x1,78 FPM80	O-Ring 12,42x1,78 FPM80	O-Ring 12,42x1,78 FPM80
18	Housing	PVS33-00.004	PVS52-00.004	PVS90-00.004
19	Hexagonal Bolt	PVS90-00.038	PVS90-00.038	PVS90-00.038
22	Nut	PVS90-00.043	PVS90-00.043	PVS90-00.043
23	Toothed Lock Washer	PVS90-00.045	PVS90-00.045	PVS90-00.045
24	Control Handle	PVS90-00.010	PVS90-00.010	PVS90-00.010
25	Spacer Control	PVS90-00.009	PVS90-00.009	PVS90-00.009
28	Control Valve	PVS90-06.000C5	PVS90-06.000C5	PVS90-06.000C5
29	Orifice	PVS90-00.013	PVS90-00.013	PVS90-00.013-02
29A	Orifice	PVS90-00.013-01	PVS90-00.013-01	PVS90-00.013-01
33	Gasket	PVS90-00.017	PVS90-00.017	PVS90-00.017
34	Expander	PVS90-00.008	PVS90-00.008	PVS90-00.008
34A	Ball	7.938-80 GOST 3722-81	7.938-80 GOST 3722-81	7.938-80 GOST 3722-81
35	Expander	PVS90-12.001	PVS90-12.001	PVS90-12.001
36	Seal Ring	O-Ring 8,73x1,78	O-Ring 8,73x1,78	O-Ring 8,73x1,78
37	Hexagonal Bolt	PVS33-00.037	PVS33-00.037	PVS90-00.037
39	Trunnion	PVS33-08.001	PVS52-08.001	PVS90-08.002
40	Shim Pack	PVS33-00.018	PVS52-00.018	PVS90-00.018
40	Shim Pack	PVS33-00.018-01	PVS52-00.018-01	PVS90-00.018-01
40	Shim Pack	PVS33-00.018-02	PVS52-00.018-02	PVS90-00.018-02
40	Shim Pack	PVS33-00.018-03	PVS52-00.018-03	PVS90-00.018-03
40	Shim Pack	PVS33-00.018-04	PVS52-00.018-04	PVS90-00.018-04
40	Shim Pack	PVS33-00.018-05	PVS52-00.018-05	PVS90-00.018-05
41	Seal Ring	O-Ring 50,36x3,53	O-Ring 56,74x3,53	O-Ring 69,44x3,53
42	Bearing	Serie TS15123 Serie TS15245	Serie TS2523 Serie TS2585	Serie TS25878 Serie TS25820
43	Shaft	PVS33-02.001	PVS52-02.001	PVS90-02.001
44	Bearing	Serie TS332 Serie TS344A	Serie TS332 Serie TS344A	Serie TS3320 Serie TS3386
45	Connecting Link	PVS90-06.009	PVS90-06.009	PVS90-09.010

Pos.	Item	Indication		
		PVS33	PVS52	PVS71
46	Lock Washer	PVS90-09.012	PVS90-09.012	PVS90-09.012
47	Pin	PVS90-09.011-01	PVS90-09.011-01	PVS90-09.011-01
48	Ring	PVS33-09.008	PVS33-09.008	PVS90-09.008
49	Pin	PVS33-09.007	PVS33-09.007	PVS90-09.007
50	Gasket	PVS33-00.014	PVS52-00.014	PVS71-00.014
52	Front Cover	PVS33-03.001	PVS52-03.001	PVS71-03.001
54	Hexagonal Bolt	PVS33-00.034	PVS33-00.034	PVS90-00.036
54A	Hexagonal Bolt	PVS33-00.034	PVS33-00.034	PVS90-00.034
55	Bushing	PVS33-00.002	PVS33-00.002	PVS90-00.002
55A	Bushing	PVS33-04.002	PVS33-04.002	PVS90-04.003
56	Seal Ring	O-Ring 39,34x2,62	O-Ring 39,34x2,62	O-Ring 50,47x2,62
57	Spring	PVS90-04.004	PVS90-04.004	PVS90-04.004
58	Cylindrical Pin	PVS90-04.002	PVS90-04.002	PVS90-04.002
59	Seal Ring	O-Ring 75,79x3,53	O-Ring 75,79x3,53	O-Ring 88,50x3,53
60	Seal Frame	PVS33-04.001	PVS33-04.001	PVS33-04.001
61	Retaining Ring	PVS33-00.028	PVS33-00.028	PVS33-00.028
62	Screw	PVS90-00.042	PVS90-00.042	PVS90-00.042
63	Sleeve Retainer	PVS33-00.006	PVS33-00.006	PVS90-00.006
64	Expander	PVS90-10.002	PVS90-10.002	PVS90-10.002
64A	Ball	3,969-60 GOST 3722-81	3,969-60 GOST 3722-81	3,969-60 GOST 3722-81
65	Servo Sleeve	PVS33-10.001	PVS33-10.001	PVS90-10.001
66	Seal Ring	O-Ring 55,25x2,62	O-Ring 55,25x2,62	O-Ring 63,17x2,62
67	Seal Ring	O-Ring 50,47x2,62	O-Ring 50,47x2,62	O-Ring 60,00x2,62
68	Hexagonal Bolt	M8 - 6g x 55.58.05 GOST 11738-72	M8 - 6g x 55.58.05 GOST 11738-72	M8 - 6g x 55.58.05 GOST 7795-70
68A	Washer	8 65G 019 GOST 6402-70	8 65G 019 GOST 6402-70	8 65G 019 GOST 6402-70
69	Washer	PVS33-09.005	PVS33-09.005	PVS90-09.005
70	Spring Guide	PVS33-09.004	PVS33-09.004	PVS90-09.004
71	Servo Spring	PVS33-09.003	PVS33-09.003	PVS90-09.003
72	Servo Piston	PVS33-09.001	PVS33-09.001	PVS90-09.001
75	Link	PVS33-09.006	PVS33-09.006	PVS90-09.006
76	Pilot Ring	PVS33-01.007	PVS52-01.007	PVS71-01.007
77	Ring	B-45 GOST 13943-86	B-52 GOST 13943-86	B-58 GOST 13943-86
78	Spring Seat	PVS33-01.006	PVS52-01.006	PVS71-01.006
79	Spring Guide	PVS33-01.005	PVS52-01.005	PVS71-01.005
80	Cylinder Block Spring	PVS33-01.009	PVS52-01.008	PVS71-01.009
81	Spring Seat	PVS33-01.004	PVS52-01.004	PVS71-01.004
82	Retainer Spring	PVS33-01.010	PVS52-01.009	PVS71-01.010
83	Pin	PVS33-01.008	PVS33-01.008	PVS90-01.008
84	Cylinder Block	PVS33-01.200	PVS52-01.200	PVS71-01.200
85	Ball Guide	PVS33-01.001	PVS52-01.001	PVS71-01.001
86	Slipper Retainer	PVS33-01.003	PVS52-01.003	PVS71-01.003
87	Piston Assembly	PVS33-01.100	PVS52-01.100	PVS71-01.100
88	Thrust Plate	PVS33-00.003	PVS52-00.003	PVS71-00.003
89	Swash Plate	PVS33-09.002	PVS52-09.002	PVS71-09.001



FIXED DISPLACEMENT AXIAL-PISTON MOTORS “S” SERIES

Pos.	Item	Indication			
		MFS33	MFS52	MFS71	MFS90
1	Hexagonal Bolt	MFS90-00.001	MFS90-00.001	MFS90-00.001	MFS90-00.001
2	Washer	8 65G 019 GOST 6402-70	8 65G 019 GOST 6402-70	Шайба 8 65Г 019 GOST 6402-70	Шайба 8 65Г 019 GOST 6402-70
3	Manifold Block	MFS90-02.000	MFS90-02.000	MFS90-02.000	MFS90-02.000
4	O-Ring	MFS90-00.012	MFS90-00.012	MFS90-00.012	MFS90-00.012
5	O-Ring	MFS90-00.003	MFS90-00.003	MFS90-00.003	MFS90-00.003
7	Hexagonal Bolt	PVS33-00.031	PVS33-00.031	PVS33-00.031	PVS90-00.031
8	Hexagonal Bolt	PVS33-00.032	PVS33-00.032	PVS33-00.032	PVS90-00.032
9	Washer	PVS33-00.046	PVS33-00.046	PVS33-00.046	PVS90-00.046
9A	Hanger	PVS33-00.007	PVS33-00.007	PVS33-00.007	PVS90-00.007
10	Back Cover	MFS33-00.011	MFS52-00.011	MFS71-00.011	MFS90-00.011
11	Shim	PVS33-00.019	PVS52-00.019	PVS71-00.019	PVS90-00.019
12	Gasket	PVS33-00.015	PVS52-00.015	PVS71-00.015	PVS90-00.015
13	Bearing	Serie HM 81610 Serie HM 81649	Serie 21075 Serie 21212	Serie M 84210 Serie M 84249	6-7406A ISO 355:1977
14	Cylindrical Pin	PVS33-00.023	PVS90-00.023	PVS90-00.023	PVS90-00.023
15	Valve Plate	MFS33-00.008	MFS52-00.008	MFS71-00.008	MFS90-00.008
16	Bearing Plate	PVS33-01.002	PVS52-01.002	PVS71-01.002	PVS90-01.002
17	Pilot Ring	PVS33-01.007	PVS52-01.007	PVS71-01.007	PVS90-01.007
18	Retaining Ring	B-45 GOST 13943-86	B-52 GOST 13943-86	B-58 GOST 13943-86	B-62 GOST 13943-86
19	Spring Seat	PVS33-01.006	PVS52-01.006	PVS71-01.006	PVS90-01.006
20	Spring Guide	PVS33-01.005	PVS52-01.005	PVS71-01.005	PVS90-01.005
21	Cylinder Block Spring	PVS33-01.009	PVS52-01.008	PVS71-01.009	PVS90-01.009
22	Spring Seat	PVS33-01.004	PVS52-01.004	PVS71-01.004	PVS90-01.004
23	Cylindrical Pin	PVS33-01.008	PVS52-01.008	PVS90-01.008	PVS90-01.008
24	Cylinder Block	PVS33-01.200	PVS52-01.200	PVS71-01.200	PVS90-01.200
25	Retainer Spring	PVS33-01.010	PVS52-01.009	PVS71-01.010	PVS90-01.010
26	Ball Guide	PVS33-01.001	PVS52-01.001	PVS71-01.001	PVS90-01.001
27	Shaft	MFS33-01.001	MFS52-01.001	MFS71-01.001	MFS90-01.001
28	Slipper Retainer	PVS33-01.003	PVS52-01.003	PVS71-01.003	PVS90-01.003
29	Piston Assembly	PVS33-01.100	PVS52-01.100	PVS71-01.100	PVS90-01.100
30	Swash Plate	MFS33-00.009	MFS52-00.009	MFS71-00.009	MFS90-00.009
31	Bearing	Serie TS332 Serie TS344A	Serie TS332 Serie TS344A	Serie TS3320 Serie TS3386	6-7410A ISO 355:1977
32	Cylindrical Pin	PVS90-00.022	PVS90-00.022	PVS90-00.022	PVS90-00.022
33	Plug	MFS90-03.001	MFS90-03.001	MFS90-03.001	MFS90-03.001
34	O-Ring	PVS90-00.011-05	PVS90-00.011-05	PVS90-00.011-05	PVS90-00.011-05
35	Housing	MFS33-04.001	MFS52-04.001	MFS71-04.001	MFS90-04.001
38	Cylindrical Pin	MFS33-00.005	PVS90-00.023	MFS71-00.005	MFS90-00.005
39	Tapered Plug	MFH90-00.002	MFH90-00.002	MFH90-00.002	MFH90-00.002
40	Bushing	PVS33-00.002	PVS33-00.002	PVS33-00.002	PVS90-00.002
40A	Bushing	PVS33-04.002	PVS33-04.002	PVS33-04.002	PVS90-04.003
41	O-Ring	PVS33-04.004	PVS33-04.004	PVS33-04.004	PVS90-00.011-04
41A	O-Ring	PVS33-00.011	PVS33-00.011	PVS33-00.011	O-Ring 88,50x3,53
42A	Cylindrical Pin	PVS90-04.002	PVS90-04.002	PVS90-04.002	PVS90-04.002
42	Spring	PVS90-04.004	PVS90-04.004	PVS90-04.004	PVS90-04.004
43	Seal Frame	PVS33-04.001	PVS33-04.001	PVS33-04.001	PVS90-04.001
44	Retaining Ring	PVS33-00.028	PVS33-00.028	PVS33-00.028	PVS90-00.028

Pos.	Item	Indication			
		PVS33	PVS52	PVS71	PVS90
1	Bearing Plate	PVS33-01.002	PVS52-01.002	PVS71-01.002	PVS90-01.002
2	Pilot Ring	PVS33-01.007	PVS52-01.007	PVS71-01.007	PVS90-01.007
3	Retaining Ring	B-45 GOST 13943-86	B-52 GOST 13943-86	B-58 GOST 13943-86	B-62 GOST 13943-86
4	Spring Seat	PVS33-01.006	PVS52-01.006	PVS71-01.006	PVS90-01.006
5	Spring Guide	PVS33-01.005	PVS52-01.005	PVS71-01.005	PVS90-01.005
6	Cylinder Block Spring	PVS33-01.009	PVS52-01.008	PVS71-01.009	PVS90-01.009
7	Spring Seat	PVS33-01.004	PVS52-01.004	PVS71-01.004	PVS90-01.004
8	Retainer Spring	PVS33-01.010	PVS52-01.009	PVS71-01.010	PVS90-01.010
9	Cylindrical Pin	PVS33-01.008	PVS33-01.008	PVS90-01.008	PVS90-01.008
10	Cylinder Block	PVS33-01.200	PVS52-01.200	PVS71-01.200	PVS90-01.200
11	Ball Guide	PVS33-01.001	PVS52-01.001	PVS71-01.001	PVS90-01.001
12	Slipper Retainer	PVS33-01.003	PVS52-01.003	PVS71-01.003	PVS90-01.003
13	Piston Assembly	PVS33-01.100	PVS52-01.100	PVS71-01.100	PVS90-01.100

Поз.	Item	Indication			
		PVS120	PVS165	PVS224	PVS330
1	Bearing Plate	PVS120-01.002	PVS165-01.002	PVS224-01.002	PVS330-01.002
2	Pilot Ring	PVS120-01.007	PVS165-01.007	PVS224-01.007	PVS330-01.007
3	Retaining Ring	B-75 GOST 13943-86	B-78 GOST 13943-86	B-85 GOST 13943-86	B-98 GOST 13943-86
4	Spring Seat	PVS120-01.006	PVS165-01.006	PVS224-01.006	PVS330-01.006
5	Spring Guide	PVS120-01.005	PVS165-01.005	PVS224-01.005	PVS330-01.005
6	Cylinder Block Spring	PVS120-01.009	PVS165-01.009	PVS224-01.009	PVS330-01.009
7	Spring Seat	PVS120-01.004	PVS165-01.004	PVS224-01.004	PVS330-01.004
8	Retainer Spring	PVS120-01.010	PVS165-01.010	PVS224-01.010	PVS330-01.010
9	Cylindrical Pin	PVS120-01.008	PVS165-01.008	PVS224-01.008	PVS224-01.008
10	Cylinder Block	PVS120-01.200	PVS165-01.200	PVS224-01.200	PVS330-01.200
11	Ball Guide	PVS120-01.001	PVS165-01.001	PVS224-01.001	PVS330-01.001
12	Slipper Retainer	PVS120-01.003	PVS165-01.003	PVS224-01.003	PVS330-01.003
13	Piston Assembly	PVS120-01.100	PVS165-01.100	PVS224-01.100	PVS330-01.100

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**e-mail:
dir.export@hydrosila.com**

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