



ALFA LAVAL LTD

**SRU RANGE
ROTARY LOBE PUMPS**

SPARE PARTS LIST

July-08 (Issue 4.09)

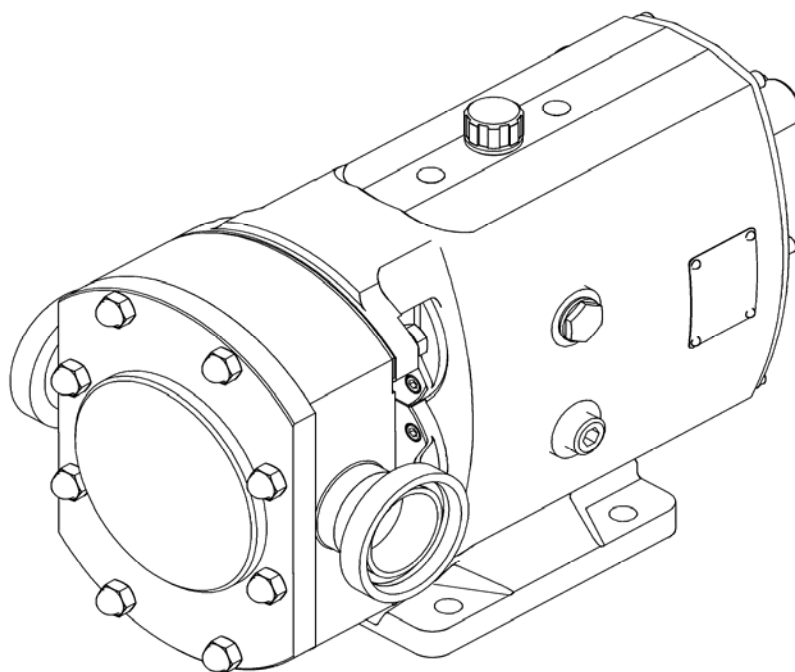


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Notes

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When identifying the spare parts required it is important to check the pump specification by referring to the pump serial number.



SRU1 Pump						
Drg No.	Description		Qty	Part No.	Item No.	
1	Gearcase - universal mounting	AL Blue	1	5220.351.00	9630094193	
2	Dowel		2	5170.025	9630030093	
3	Stud, rotorcase retention		4	6350.135	9630052259	
4	Nut, rotorcase retention		4	5330.003	9630024057	
4A	Washer, rotorcase retention		4	6400.036	9630024231	
5	Cover, gearcase		1	5120.181	9630087581	
6	Screw, gearcase cover		6	5990.044	9630030096	
7	Lip seal, drive end	(not for ATEX) NBR FPM	1	5310.047 5310.078	9630030621 9630032806	
8	Shim	(not for ATEX) Polymex St.Stl	1 set	6150.150 6150.151	9630034305 9630034304	
8A	Shim retainer		2	6150.261	9630050684	
8B	Screw, shim retainer		4	6000.010	9630050533	
9	Rotorcase		1	see page 26-33	see page 26-33	
10	Stud, rotorcase/cover retention		4	6350.093	9630031415	
11	'O' Ring, cover - plain	NBR	1	1550.239	9630023375	
		FPM		1551.239	9630023456	
		EPDM		1555.239	9630023539	
		PTFE		1552.239	9630028747	
	'O' Ring, cover - relief valve	NBR		5380.087	9630024201	
		FPM		5380.163	9630024335	
		EPDM		5380.277	9630019858	
		PTFE		5380.164	9630024336	
12	Cover, rotorcase	Plain	5130.311	9630046119		
		Drilled for jacket	5130.331	9630027764		
		Relief valve	see page 63	see page 63		
13	Dome nut, rotorcase cover		4	5340.029	9630024095	
14	Retainer, seal		2	5560.030	9630031375	
15	Screw, seal retainer		6	5990.044	9630030096	
16	Lip seal, gland end	(not for ATEX) NBR FPM	2	5310.037 5310.070	9630030622 9630032796	
17	Rotor, Trilobe Stainless Steel	8 bar 70°C	2	5712.005G	9630031989	
		8 bar 130°C		5712.005H	9630031990	
		8 bar 200°C		5712.005J	9630031991	
	Rotor, Bilobe Stainless Steel	8 bar 70°C		5730.005G	9630090563	
		8 bar 130°C		5730.005H	9630090564	
		8 bar 200°C		5730.005J	9630090589	
	Rotor, Bilobe non-galling	8 bar 70°C		5761.005G	9630090474	
		8 bar 130°C		5761.005H	9630090475	
		8 bar 200°C		5761.005J	9630090476	
	Rotor, Trilobe, NBR covered			SRU1/005	5722.005	9630031495
	Rotor, Trilobe Stainless Steel	5 bar 70°C		5712.008D	9630031995	
		5 bar 130°C		5712.008E	9630031996	
		5 bar 200°C		5712.008F	9630031997	
	Rotor, Bilobe Stainless Steel	5 bar 70°C		5730.008D	9630090565	
		5 bar 130°C		5730.008E	9630090566	
		5 bar 200°C		5730.008F	9630090567	
Rotor, Bilobe non-galling	5 bar 70°C	5761.008D	9630090478			
	5 bar 130°C	5761.008E	9630090479			
	5 bar 200°C	5761.008F	9630090481			
Rotor, Trilobe, NBR covered		SRU1/008	5722.008	9630031497		



SRU1 Pump (continued)					
Drg No.	Description		Qty	Part No.	Item No.
18	'O' Ring, rotor sealing shaft end (St.Stl rotor)	NBR	2	5380.421	9630044558
		FPM		5380.420	9630044557
		EPDM		5380.446	9630046208
		PTFE		5380.447	9630046212
	'O' Ring, rotor sealing shaft end (NBR covered rotor)	NBR		5380.421	9630044558
		FPM		5380.420	9630044557
		EPDM		5380.446	9630046208
20	'O' Ring, rotor sealing nut end	NBR	2	5380.442	9630046204
		FPM		5380.443	9630046205
		EPDM		5380.444	9630046206
		PTFE		5380.445	9630046207
22	Nut, rotor retention	SRU1/005	2	5900.161	9630045826
	SRU1/008	5900.162		9630045828	
23	Key		1	5270.030	9630031498
24	Shaft, drive (Duplex)	R90	1	6110.592	9630033399
		Hyclean		6110.717	9630052964
25	Shaft, auxiliary (Duplex)	R90	1	6100.592	9630033401
		Hyclean		6100.717	9630052961
26	Bearing, rear		2	5080.011	9630029026
27	Spacer, shaft abutment		1	5670.061.01	9630032664
30	Nut, bearing		2	5340.040	9630029135
31	Bearing, front		2	5080.011	9630029026
32	Spacer, bearing		2	5670.100	9630033403
36	Timing gear		2	5210.036	9630031258
38	Torque locking element		2	5615.013	9630025151
39	Clamp plate		2	5110.039	9630031371
40	Screw, clamp plate		6	5990.044	9630030096
45	Drain plug		2	1660.004	9630023546
46	Sight glass - standard (for ATEX pump see 'ATEX Parts')		1	5480.001	9630032778
47	Filler plug - standard (for ATEX pump see 'ATEX Parts')		1	31491.0052.1	9630018599
48	Plug		2	1660.008	9630023548
49	Blanking plug		4	5470.022	9630089950
50	Gland guard - standard (for ATEX pump see 'ATEX Parts')		2	5243.111	9630089811
51	Screw, gland guard		4	6000.010	9630050533
53	Washer, gland guard		4	31499.5903.3	9630039001
54	Foot, vertical port	AL Blue	1	5225.401.00	9630089804
56	Foot, horizontal port	AL Blue	1	5225.301.00	9630089805
58	Bolt, Foot		2	6000.016	9630074795

SRU2 Pump							
Drg No.	Description			Qty	Part No.	Item No.	
1	Gearcase - universal mounting			AL Blue	1	5220.352.00	9630094199
2	Dowel				2	5170.025	9630030093
3	Stud, rotorcase retention				4	6350.136	9630052261
4	Nut, rotorcase retention				4	5330.000	9630024051
4A	Washer, rotorcase retention				4	6400.037	9630024233
5	Cover, gearcase				1	5120.182	9630087567
6	Screw, gearcase cover				6	5990.044	9630030096
7	Lip seal, drive end	(not for ATEX)	NBR FPM		1	5310.101 5310.079	9630040403 9630032807
8	Shim	(not for ATEX)	Polymex St.Stl		1 set	6150.152 6150.153	9630034199 9630034201
8A	Shim retainer				2	6150.312	9630089541
8B	Screw, shim retainer				4	6000.010	9630050533
9	Rotorcase				1	see page 26-33	see page 26-33
10	Stud, rotorcase/cover retention				4	6350.094	9630024086
11	'O' Ring, cover - plain		NBR	1	1550.249	9630023379	
			FPM		1551.249	9630023462	
			EPDM		1555.249	9630023540	
			PTFE		1552.249	9630040636	
	'O' Ring, cover - relief valve		NBR	1550.251	9630030114		
			FPM	1551.251	9630026029		
			EPDM	1555.251	9630027285		
			PTFE	1552.251	9630024882		
12	Cover, rotorcase	Plain	1	5130.312	9630046120		
		Drilled for jacket		5130.332	9630027767		
		Relief valve		see page 63	see page 63		
13	Dome nut, rotorcase cover				4	5340.047	9630029651
14	Retainer, seal				2	5560.031	9630031405
15	Screw, seal retainer				6	5990.007	9630024595
16	Lip seal, gland end	(not for ATEX)	NBR FPM		2	5310.038 5310.071	9630030623 9630032797
17	Rotor, Trilobe Stainless Steel	10 bar 70°C	SRU2/013/ LS and HS	2	5740.013M	9630046723	
		10 bar 130°C			5740.013N	9630040081	
		10 bar 200°C			5740.013P	9630047747	
		15 bar 70°C	SRU2/013/ LD and HD		5740.013T	9630046603	
		15 bar 130°C			5740.013V	9630047748	
		15 bar 200°C			5740.013W	9630047749	
	Rotor, Bilobe Stainless Steel	10 bar 70°C	SRU2/013/ LS and HS		5741.013M	9630090571	
		10 bar 130°C			5741.013N	9630090572	
		10 bar 200°C			5741.013P	9630090573	
		15 bar 70°C	SRU2/013/ LD and HD		5741.013T	9630090574	
		15 bar 130°C			5741.013V	9630090575	
		15 bar 200°C			5741.013W	9630090576	
	Rotor, Bilobe non-galling	10 bar 70°C	SRU2/013/ LS and HS		5761.013M	9630090482	
		10 bar 130°C			5761.013N	9630090483	
		10 bar 200°C			5761.013P	9630090484	
		15 bar 70°C	SRU2/013/ LD and HD		5761.013T	9630090485	
15 bar 130°C	5761.013V	9630090486					
15 bar 200°C	5761.013W	9630090487					
Rotor, Trilobe, NBR covered			SRU2/013		5722.013	9630031481	
Rotor, Trilobe Stainless Steel	7 bar 70°C	SRU2/018/ LS and HS	5740.018M	9630047243			
	7 bar 130°C		5740.018N	9630043480			
	7 bar 200°C		5740.018P	9630047751			
	10 bar 70°C	SRU2/018/ LD and HD	5740.018T	9630048049			
	10 bar 130°C		5740.018V	9630048050			
	10 bar 200°C		5740.018W	9630048051			

SRU2 Pump (continued)					
Drg No.	Description		Qty	Part No.	Item No.
17	Rotor, Bilobe Stainless Steel	7 bar 70°C 7 bar 130°C 7 bar 200°C	2	5741.018M	9630090577
		SRU2/018/ LS and HS		5741.018N	9630090578
				5741.018P	9630090579
	Rotor, Bilobe non-galling	10 bar 70°C 10 bar 130°C 10 bar 200°C		5741.018T	9630090599
		SRU2/018/ LD and HD		5741.018V	9630090580
				5741.018W	9630099560
		7 bar 70°C 7 bar 130°C 7 bar 200°C		5761.018M	9630090488
		SRU2/018/ LS and HS		5761.018N	9630090489
				5761.018P	9630090490
		10 bar 70°C 10 bar 130°C 10 bar 200°C		5761.018T	9630090491
		SRU2/018/ LD and HD		5761.018V	9630090492
				5761.018W	9630090493
	Rotor, Trilobe, NBR covered	SRU2/018		5722.018	9630031483
18	'O' Ring, rotor sealing shaft end (St.Stl rotor)	NBR	2	1550.022	9630046452
		FPM		1551.022	9630046453
		EPDM		1555.022	9630046455
		PTFE		1558.022	9630046454
20	'O' Ring, rotor sealing nut end	NBR	2	1550.020	9630031506
		FPM		1551.020	9630046186
		EPDM		1555.020	9630046187
		PTFE		1558.020	9630046188
22	Nut, rotor retention	SRU2/013 SRU2/018	2	5900.163 5900.164	9630045830 9630045832
23	Key		1	5270.007	9630023916
24	Shaft, drive (St.Stl)	R90 Hyclean	1	6110.545 6110.656	9630031389 9630046281
		R90 Hyclean		6110.675 6110.660	9630030029 9630022632
	Shaft, auxiliary (St.Stl)	R90 Hyclean	1	6100.545 6100.656	9630031391 9630046255
		R90 Hyclean		6100.675 6100.660	9630032000 9630046257
26	Bearing, rear		2	5080.012	9630029028
27	Spacer, shaft abutment		1	5670.062.01	9630032678
30	Nut, bearing		2	5340.041	9630029136
31	Bearing, front		2	5080.012	9630029028
32	Spacer, bearing		2	5670.056	9630031409
36	Timing gear		2	5210.037	9630031260
38	Torque locking element		2	5615.015	9630030115
39	Clamp plate		2	5110.040	9630031407
40	Screw, clamp plate		6	5990.007	9630024595
45	Drain plug		2	1660.004	9630023546
46	Sight glass - standard (for ATEX pump see 'ATEX Parts')		1	5480.001	9630032778
47	Filler plug - standard (for ATEX pump see 'ATEX Parts')		1	31491.0052.1	9630018599
48	Plug		2	1660.008	9630023548
49	Blanking plug		4	5470.020	9630087278
50	Gland guard - standard (for ATEX pump see 'ATEX Parts')		2	5243.112	9630089812
51	Screw, gland guard		4	6000.010	9630050533
53	Washer, gland guard		4	31499.5903.3	9630039001
54	Foot, vertical port	AL Blue	1	5225.402.00	9630091540
56	Foot, horizontal port	AL Blue	1	5225.302.00	9630091831
58	Bolt, Foot		2	6000.015	9630074794



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AL/SRU/SPARES/0807

SRU3 Pump				
Drg No.	Description	Qty	Part No.	Item No.
1	Gearcase - universal mounting AL Blue	1	5220.353.00	9630094201
2	Dowel	2	5170.010	9630023461
3	Stud, rotorcase retention	4	6350.105	9630027485
4	Nut, rotorcase retention	4	5330.000	9630024051
4A	Washer, rotorcase retention	4	6400.037	9630024233
5	Cover, gearcase	1	5120.163	9630070039
6	Screw, gearcase cover	6	5990.044	9630030096
7	Lip seal, drive end (not for ATEX) NBR FPM	1	5310.004 5310.080	9630023983 9630032808
8	Shim (not for ATEX) Polymex St.Stl	1 set	6150.154 6150.155	9630034130 9630034030
8A	Shim retainer	2	6150.313	9630089542
8B	Screw, shim retainer	4	6000.010	9630050533
9	Rotorcase	1	see page 26-33	see page 26-33
10	Stud, rotorcase/cover retention Std For rectangular inlet	8 4	6350.095 6350.052	9630027490 9630022111
11	'O' Ring, cover - plain	1	NBR 1550.258	9630046234
			FPM 1551.258	9630046235
			EPDM 1555.258	9630046236
			PTFE 1552.258	9630040637
	'O' Ring, cover - relief valve	1	NBR 1550.260	9630030271
			FPM 1551.260	9630026048
			EPDM 1555.260	9630026951
			PTFE 1552.260	9630031555
12	Cover, rotorcase Plain For rectangular inlet Drilled for jacket Relief valve	1	5130.313 5130.343 5130.333 see page 63	9630046122 9630048101 9630027766 see page 63
13	Dome nut, rotorcase cover Std For rectangular inlet	8 4	5340.047 5340.022	9630029651 9630024088
14	Retainer, seal	2	5560.032	9630025431
15	Screw, seal retainer	6	5990.007	9630024595
16	Lip seal, gland end (not for ATEX) NBR FPM	2	5310.039 5310.072	9630030625 9630032798
17	Rotor, Trilobe Stainless Steel	2	10 bar 70°C SRU3/027/LS and HS 5740.027M	9630046726
			10 bar 130°C 5740.027N	9630032535
			10 bar 200°C 5740.027P	9630046365
			15 bar 70°C 5740.027T	9630047194
			15 bar 130°C 5740.027V	9630046354
			15 bar 200°C 5740.027W	9630047752
	Rotor, Bilobe Stainless Steel	2	10 bar 70°C SRU3/027/LS and HS 5741.027M	9630090584
			10 bar 130°C 5741.027N	9630090585
			10 bar 200°C 5741.027P	9630090586
			15 bar 70°C 5741.027T	9630090588
			15 bar 130°C 5741.027V	9630090589
			15 bar 200°C 5741.027W	9630090600
	Rotor, Bilobe non-galling	2	10 bar 70°C SRU3/027/LS and HS 5761.027M	9630090415
			10 bar 130°C 5761.027N	9630090416
			10 bar 200°C 5761.027P	9630090417
			15 bar 70°C 5761.027T	9630090418
			15 bar 130°C 5761.027V	9630090419
			15 bar 200°C 5761.027W	9630090420
	Rotor, Trilobe, NBR covered		SRU3/027 5722.027	9630021284



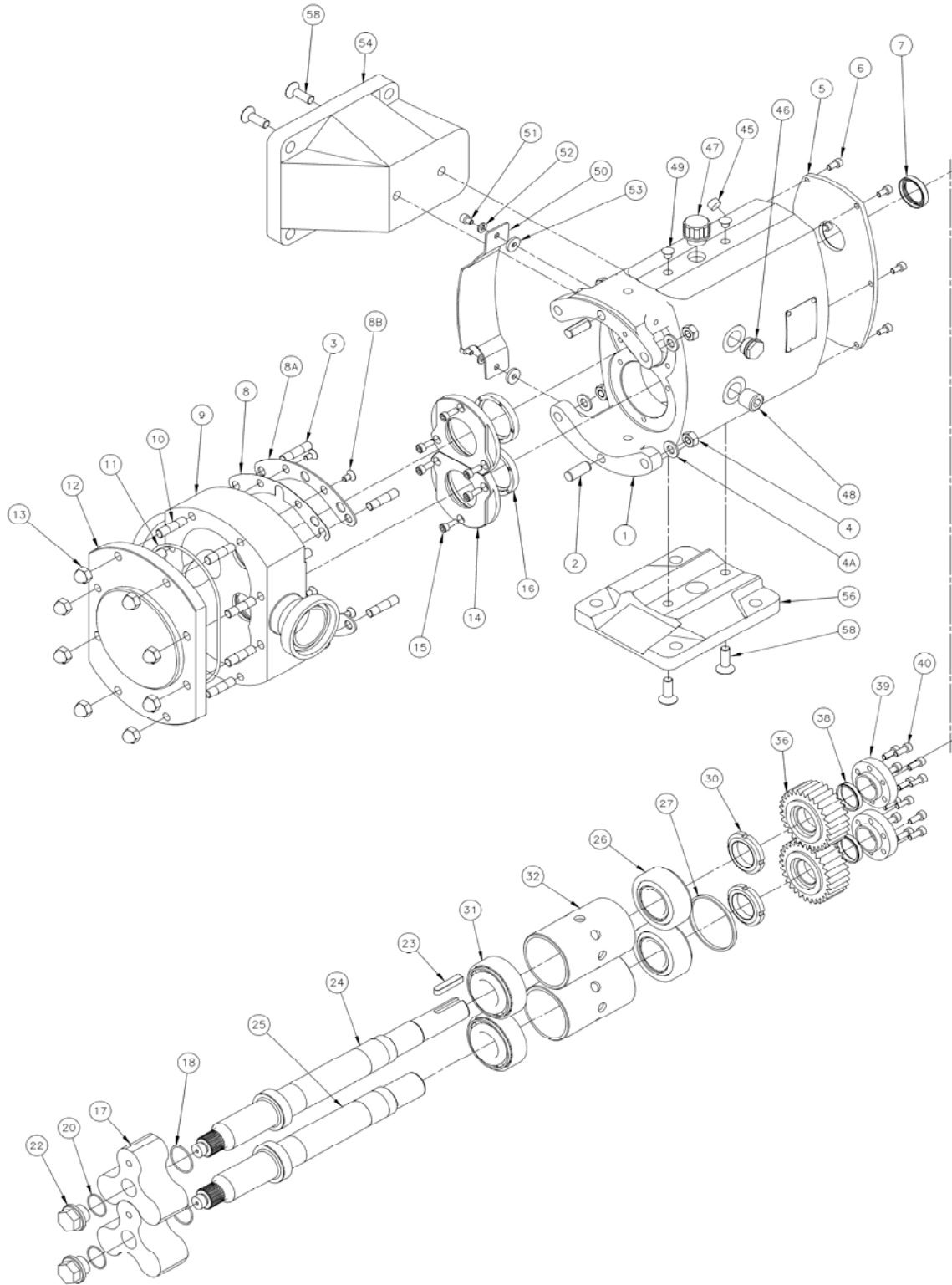
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SRU3 Pump (continued)							
Drg No.	Description			Qty	Part No.	Item No.	
17	Rotor, Trilobe Stainless Steel	7 bar 70°C	SRU3/038/ LS and HS	2	5740.038M	9630027757	
		7 bar 130°C			5740.038N	9630039955	
		7 bar 200°C			5740.038P	9630048052	
		10 bar 70°C	SRU3/038/ LD and HD		5740.038T	9630047753	
		10 bar 130°C			5740.038V	9630048053	
		10 bar 200°C			5740.038W	9630048054	
	Rotor, Bilobe Stainless Steel	7 bar 70°C	SRU3/038/ LS and HS		5741.038M	9630090540	
		7 bar 130°C			5741.038N	9630090539	
		7 bar 200°C			5741.038P	9630090542	
		10 bar 70°C	SRU3/038/ LD and HD		5741.038T	9630090544	
		10 bar 130°C			5741.038V	9630090545	
		10 bar 200°C			5741.038W	9630090546	
	Rotor, Bilobe non-galling	7 bar 70°C	SRU3/038/ LS and HS		5761.038M	9630090494	
		7 bar 130°C			5761.038N	9630090495	
		7 bar 200°C			5761.038P	9630090496	
10 bar 70°C		SRU3/038/ LD and HD	5761.038T	9630090497			
10 bar 130°C			5761.038V	9630090498			
10 bar 200°C			5761.038W	9630090499			
Rotor, Trilobe, NBR covered			SRU3/038	5722.038	9630026256		
18	'O' Ring, rotor sealing shaft end (St.Stl rotor)	NBR		1550.026	9630038950		
		FPM		1551.026	9630038951		
		EPDM		1555.026	9630038952		
		PTFE		1558.026	9630046456		
	'O' Ring, rotor sealing shaft end (NBR covered rotor)	NBR		5380.261	9630029980		
		FPM		5380.271	9630026280		
		EPDM		5380.355	9630037533		
		20	'O' Ring, rotor sealing nut end	NBR		1550.024	9630031566
FPM				1551.024	9630046189		
EPDM				1555.024	9630046190		
PTFE				1558.024	9630046191		
Nut, rotor retention	SRU3/027		5900.165	9630046130			
	SRU3/038		5900.166	9630046138			
23	Key			1	5270.031	9630031499	
24	Shaft, drive (St.Stl)		R90		6110.593	9630033130	
		Hyclean		6110.657	9630046282		
	Shaft, drive (Duplex)	R90		6110.643	9630043091		
		Hyclean		6110.661	9630026038		
25	Shaft, auxiliary (St.Stl)	R90		6100.593	9630033127		
		Hyclean		6100.657	9630046260		
	Shaft, auxiliary (Duplex)	R90		6100.643	9630043090		
		Hyclean		6100.661	9630046262		
26	Bearing, rear			2	5080.013	9630029030	
27	Spacer, shaft abutment			1	5670.063.01	9630032683	
30	Nut, bearing			2	5340.042	9630029137	
31	Bearing, front			2	5080.013	9630029030	
32	Spacer, bearing			2	5670.058	9630029695	
36	Timing gear	St.Stl shaft		2	5210.032	9630028272	
		Duplex shaft			5210.038	9630027688	
38	Torque locking element	St.Stl shaft		2	5615.016	9630030273	
		Duplex shaft		4	5615.016	9630030273	
39	Clamp plate			2	5110.041	9630029175	
40	Screw, clamp plate			12	5990.005	9630024591	

SRU3 Pump (continued)				
Drg No.	Description	Qty	Part No.	Item No.
45	Drain plug	2	1660.004	9630023546
46	Sight glass - standard (for ATEX pump see 'ATEX Parts')	1	5480.001	9630032778
47	Filler plug - standard (for ATEX pump see 'ATEX Parts')	1	31491.0052.1	9630018599
48	Plug	2	1660.008	9630023548
49	Blanking plug	4	5470.020	9630087278
50	Gland guard - standard (for ATEX pump see 'ATEX Parts')	2	5243.113	9630089813
51	Screw, gland guard	4	5990.045	9630030332
52	Washer, gland guard	4	6400.046	9630030121
53	Washer, gland guard	4	31499.5903.3	9630039001
54	Foot, vertical port AL Blue	1	5225.413.00	9630878758
56	Foot, horizontal port AL Blue	1	5225.303.00	9630091467
58	Bolt, Foot	2	6000.014	9630074776

SRU1-3 Pump Model - Exploded View Drawing

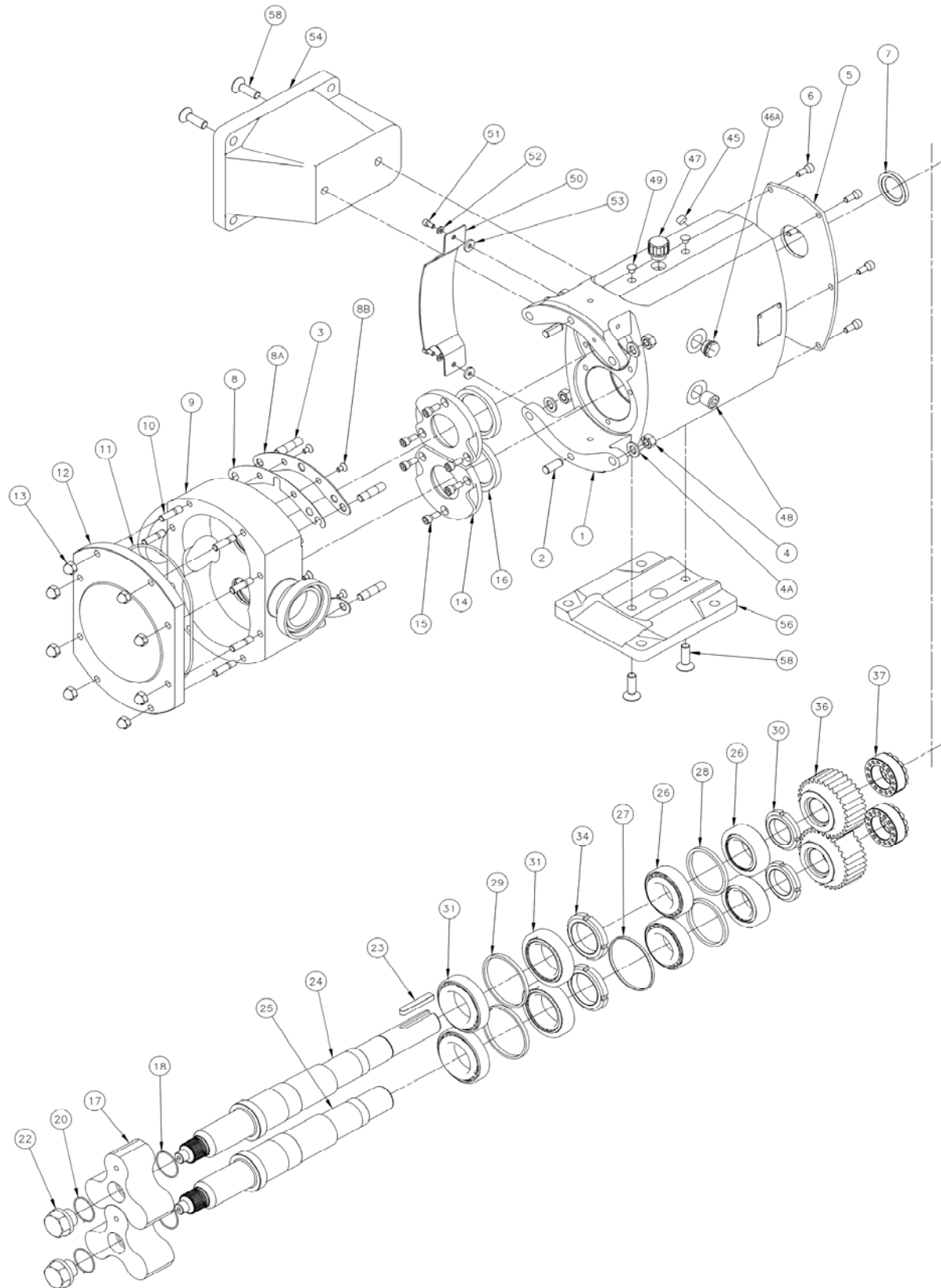


SRU4 Pump					
Drg No.	Description		Qty	Part No.	Item No.
1	Gearcase - universal mounting AL Blue		1	5220.354.00	9630094202
2	Dowel		2	5170.010	9630023461
3	Stud, rotorcase retention		4	6350.138	9630052265
4	Nut, rotorcase retention		4	5330.001	9630024053
4A	Washer, rotorcase retention		4	6400.038	9630024236
5	Cover, gearcase		1	5120.184	9630087616
6	Screw, gearcase cover		6	5990.030	9630024629
7	Lip seal, drive end	(not for ATEX) NBR FPM	1	5310.048 5310.081	9630030624 9630032809
8	Shim	(not for ATEX) Polymex St.Stl	1 set	6150.156 6150.157	9630033702 9630033704
8A	Shim retainer		2	6150.314	9630089543
8B	Screw, shim retainer		4	6000.010	9630050533
9	Rotorcase		1	see page 26-33	see page 26-33
10	Stud, rotorcase/cover retention		8	6350.104	9630019863
11	'O' Ring, cover - plain	NBR	1	1550.265	9630046177
		FPM		1551.265	9630037519
		EPDM		1555.265	9630046178
		PTFE		1552.265	9630026547
	'O' Ring, cover - relief valve	NBR		1550.267	9630029958
		FPM		1551.267	9630026117
		EPDM		1555.267	9630019861
		PTFE		1552.267	9630031556
12	Cover, rotorcase	Plain Drilled for jacket Relief valve	1	5130.314 5130.334 see page 63	9630046124 9630030268 see page 63
13	Dome nut, rotorcase cover		8	5340.047	9630029651
14	Retainer, seal		2	5560.034	9630028443
15	Screw, seal retainer		6	5990.030	9630024629
16	Lip seal, gland end	(not for ATEX) NBR FPM	2	5310.041 5310.074	9630030627 9630032800
17	Rotor, Trilobe Stainless Steel	10 bar 70°C	SRU4/055/ LS and HS	5740.055D	9630046158
		10 bar 130°C		5740.055E	9630044012
		10 bar 200°C		5740.055F	9630046289
		20 bar 70°C		5740.055K	9630034398
		20 bar 130°C		5740.055L	9630046964
		20 bar 200°C		5740.055M	9630046996
	Rotor, Bilobe Stainless Steel	10 bar 70°C	SRU4/055/ LS and HS	5741.055D	9630090601
		10 bar 130°C		5741.055E	9630090603
		10 bar 200°C		5741.055F	9630090604
		20 bar 70°C		5741.055K	9630090605
		20 bar 130°C		5741.055L	9630090606
		20 bar 200°C		5741.055M	9630090607
	Rotor, Bilobe non-galling	10 bar 70°C	SRU4/055/ LS and HS	5761.055D	9630090500
		10 bar 130°C		5761.055E	9630090501
		10 bar 200°C		5761.055F	9630090502
		20 bar 70°C		5761.055K	9630090503
		20 bar 130°C		5761.055L	9630090504
		20 bar 200°C		5761.055M	9630090505
Rotor, Trilobe, NBR covered		SRU4/055	5722.055	9630027382	
Rotor, Trilobe Stainless Steel	7 bar 70°C	SRU4/079/ LS and HS	5740.079D	9630046159	
	7 bar 130°C		5740.079E	9630039235	
	7 bar 200°C		5740.079F	9630028324	
	15 bar 70°C		5740.079K	9630018802	
	15 bar 130°C		5740.079L	9630048055	
	15 bar 200°C		5740.079M	9630048056	

SRU4 Pump (continued)						
Drg No.	Description			Qty	Part No.	Item No.
17	Rotor, Bilobe Stainless Steel	7 bar 70°C	SRU4/079/ LS and HS	2	5741.079D	9630090608
		7 bar 130°C			5741.079E	9630090609
		7 bar 200°C			5741.079F	9630090610
		15 bar 70°C	SRU4/079/ LD and HD		5741.079K	9630090611
		15 bar 130°C			5741.079L	9630090612
		15 bar 200°C			5741.079M	9630090613
	Rotor, Bilobe non-galling	7 bar 70°C	SRU4/079/ LS and HS		5761.079D	9630090506
		7 bar 130°C			5761.079E	9630090507
		7 bar 200°C			5761.079F	9630090508
			15 bar 70°C		SRU4/079/ LD and HD	5761.079K
15 bar 130°C	5761.079L		9630090510			
15 bar 200°C	5761.079M		9630090511			
Rotor, Trilobe, NBR covered				5722.079	9630027172	
18	'O' Ring, rotor sealing shaft end (St.Stl rotor)	NBR	2	1550.030	9630046196	
		FPM		1551.030	9630038931	
		EPDM		1555.030	9630046197	
		PTFE		1558.030	9630046198	
	'O' Ring, rotor sealing shaft end (NBR covered rotor)	NBR		5380.262	9630029979	
		FPM		5380.272	9630027953	
		EPDM		5380.356	9630029383	
		20		'O' Ring, rotor sealing nut end	NBR	1550.029
FPM	1551.029		9630046193			
EPDM	1555.029		9630046194			
PTFE	1558.029		9630046195			
22	Nut, rotor retention	SRU4/055	2	5900.167	9630046132	
23	Key	SRU4/079	1	5900.168	9630046140	
			5270.011	9630023932		
24	Shaft, drive (St.Stl)	R90	1	6110.549	9630031042	
		Hyclean		6110.658	9630046283	
	Shaft, drive (Duplex)	R90		6110.557	9630031045	
		Hyclean		6110.662	9630046276	
25	Shaft, auxiliary (St.Stl)	R90	1	6100.549	9630031044	
		Hyclean		6100.658	9630046265	
	Shaft, auxiliary (Duplex)	R90		6100.557	9630031046	
		Hyclean		6100.662	9630046267	
26	Bearing, rear		4	5080.014	9630029032	
27	Spacer, shaft abutment		1	5670.065.01	9630035207	
28	Spacer, bearing drive end		2	5670.050	9630027142	
29	Spacer, bearing gland end		2	5670.049	9630031175	
30	Nut, bearing rear		2	5340.043	9630029138	
31	Bearing, front		4	5080.015	9630029034	
34	Nut, bearing front		2	5340.035	9630024100	
36	Timing gear		2	5210.039	9630019630	
37	Torque locking assembly		2	5615.000	9630024451	
45	Drain plug		2	1660.004	9630023546	
46	Sight glass - standard (for ATEX pump see 'ATEX Parts')		1	5480.001	9630032778	
47	Filler plug - standard (for ATEX pump see 'ATEX Parts')		1	31491.0052.1	9630018599	
48	Plug		2	1660.008	9630023548	
49	Blanking plug		4	5470.021	9630089949	
50	Gland guard - standard (for ATEX pump see 'ATEX Parts')		2	5243.114	9630089814	
51	Screw, gland guard		4	5990.045	9630030332	
52	Washer, gland guard		4	6400.046	9630030121	
53	Washer, gland guard		4	31499.5903.3	9630039001	
54	Foot, vertical port	AL Blue	1	5225.404.00	9630091644	
56	Foot, horizontal port	AL Blue	1	5225.304.00	9630091643	
58	Bolt, Foot		2	6000.013	9630074775	



SRU4 Pump Model - Exploded View Drawing



SRU5 Horizontally Ported Pump					
Drg No.	Description		Qty	Part No.	Item No.
1	Gearcase	AL Blue	1	5220.079.46	9630076099
2	Dowel		2	5170.010	9630023461
3	Stud, rotorcase retention		4	6350.138	9630052265
4	Nut, rotorcase retention		4	5330.001	9630024053
4A	Washer, rotorcase retention		4	6400.038	9630024236
5	Cover, gearcase		1	5120.048	9630030981
6	Screw, gearcase cover		6	5990.030	9630024629
7	Lip seal, drive end	(not for ATEX) NBR FPM	1	5310.012 5310.082	9630023996 9630032810
8	Shim	(not for ATEX) Polymex St.Stl	1 set	6150.158 6150.159	9630033860 9630033411
8A	Shim retainer		2	6150.315	9630089544
8B	Screw, shim retainer		4	6000.010	9630050533
9	Rotorcase		1	see page 26-33	see page 26-33
10	Stud, rotorcase/cover retention		8	6350.104	9630019863
11	'O' Ring, cover - plain	NBR	1	1550.273	9630046179
		FPM		1551.273	9630046180
		EPDM		1555.273	9630046181
		PTFE		1552.273	9630022526
	'O' Ring, cover - relief valve	NBR		1550.274	9630029652
		FPM		1551.274	9630028410
		EPDM		1555.274	9630027380
		PTFE		1552.274	9630031557
12	Cover, rotorcase	Plain	5130.315	9630046126	
		Drilled for jacket	5130.335	9630027765	
		Relief valve	see page 63	see page 63	
13	Dome nut, rotorcase cover		8	5340.047	9630029651
14	Retainer, seal		2	5560.036	9630026099
15	Screw, seal retainer		6	5990.030	9630024629
16	Lip seal, gland end	(not for ATEX) NBR FPM	2	5310.043 5310.076	9630030630 9630032802
17	Rotor, Trilobe Stainless Steel	10 bar 70°C	SRU5/116/ LS	5740.116D	9630046161
		10 bar 130°C		5740.116E	9630047513
		10 bar 200°C		5740.116F	9630048057
		20 bar 70°C		5740.116K	9630046611
		20 bar 130°C		5740.116L	9630048058
		20 bar 200°C		5740.116M	9630048059
	Rotor, Bilobe Stainless Steel	10 bar 70°C	SRU5/116/ LS	5741.116D	9630090615
		10 bar 130°C		5741.116E	9630090616
		10 bar 200°C		5741.116F	9630090617
		20 bar 70°C		5741.116K	9630090618
		20 bar 130°C		5741.116L	9630090619
		20 bar 200°C		5741.116M	9630090620
	Rotor, Bilobe non-galling	10 bar 70°C	SRU5/116/ LS	5761.116D	9630090512
		10 bar 130°C		5761.116E	9630090513
		10 bar 200°C		5761.116F	9630090514
20 bar 70°C		5761.116K		9630090515	
20 bar 130°C		5761.116L		9630090516	
20 bar 200°C		5761.116M		9630090517	
Rotor, Trilobe, NBR covered		SRU5/116	5722.116	9630021349	
Rotor, Trilobe Stainless Steel	7 bar 70°C	SRU5/168/ LS	5740.168D	9630046162	
	7 bar 130°C		5740.168E	9630035491	
	7 bar 200°C		5740.168F	9630048060	
	15 bar 70°C	SRU5/168/ LD	5740.168K	9630046607	
	15 bar 130°C		5740.168L	9630048061	
	15 bar 200°C		5740.168M	9630048062	

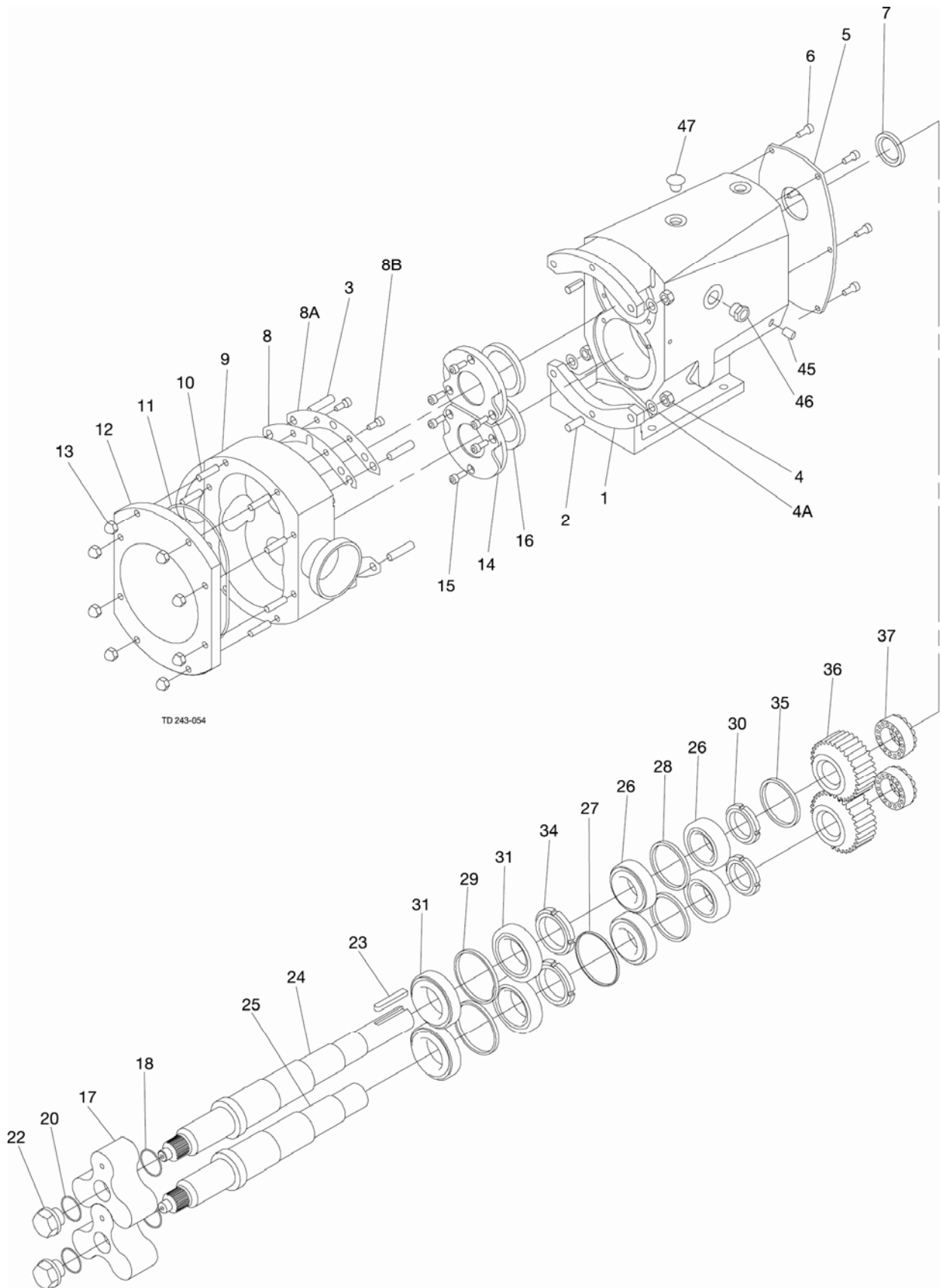


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SRU5 Horizontally Ported Pump (continued)						
Drg No.	Description			Qty	Part No.	Item No.
17	Rotor, Bilobe Stainless Steel	7 bar 70°C	SRU5/168/LS	2	5741.168D	9630090621
		7 bar 130°C			5741.168E	9630090622
		7 bar 200°C			5741.168F	9630090623
		15 bar 70°C	SRU5/168/LD		5741.168K	9630090624
		15 bar 130°C			5741.168L	9630090625
		15 bar 200°C			5741.168M	9630090626
	Rotor, Bilobe non-galling	7 bar 70°C	SRU5/168/LS		5761.168D	9630090518
		7 bar 130°C			5761.168E	9630090519
		7 bar 200°C			5761.168F	9630090520
		15 bar 70°C	SRU5/168/LD		5761.168K	9630090521
		15 bar 130°C			5761.168L	9630090522
		15 bar 200°C			5761.168M	9630090523
Rotor, Trilobe, NBR covered			SRU5/168	5722.168	9630022562	
18	'O' Ring, rotor sealing shaft end (St.Stl rotor)	NBR	2	1550.135	9630037151	
		FPM		1551.135	9630037153	
		EPDM		1555.135	9630037150	
		PTFE		1558.135	9630037154	
		'O' Ring, rotor sealing shaft end (NBR covered rotor)		NBR	5380.263	9630023523
			FPM	5380.273	9630027378	
		EPDM	5380.306	9630032653		
20	'O' Ring, rotor sealing nut end	NBR	2	1550.133	9630037146	
		FPM		1551.133	9630037148	
		EPDM		1555.133	9630037145	
		PTFE		1558.133	9630037149	
22	Nut, rotor retention	SRU5/116	2	5900.169	9630046134	
		SRU5/168		5900.170	9630046142	
23	Key		1	5270.013	9630023940	
24	Shaft, drive (St.Stl)	R90	1	6110.551	9630031107	
		Hyclean		6110.659	9630046284	
	Shaft, drive (Duplex)	R90		6110.558	9630031111	
		Hyclean		6110.663	9630046280	
25	Shaft, auxiliary (St.Stl)	R90	1	6100.551	9630031109	
		Hyclean		6100.659	9630046271	
	Shaft, auxiliary (Duplex)	R90		6100.558	9630031110	
		Hyclean		6100.663	9630046273	
26	Bearing, rear		4	5080.015	9630029034	
27	Spacer, shaft abutment		1	5670.067.01	9630035209	
28	Spacer, bearing drive end		2	5670.049	9630031175	
29	Spacer, bearing gland end		2	5670.051	9630031133	
30	Nut, bearing rear		2	5340.035	9630024100	
31	Bearing, front		4	5080.017	9630029036	
34	Nut, bearing front		2	5340.045	9630029139	
35	Lip seal, upper chamber	(not for ATEX) NBR	1	5310.001	9630023977	
		FPM		5310.068	9630032804	
36	Timing gear		2	5210.034	9630031162	
37	Torque locking assembly		2	5615.005	9630024455	
45	Drain plug		2	1660.008	9630023548	
46	Sight glass - standard (for ATEX pump see 'ATEX Parts')		2	5480.001	9630032778	
47	Filler plug - standard (for ATEX pump see 'ATEX Parts')		2	31491.0052.1	9630018599	
50	Gland guard - standard (for ATEX pump see 'ATEX Parts')		2	5243.115	9630089888	
51	Screw, gland guard		2	5990.066	9630028936	
52	Washer, gland guard		2	6400.036	9630024231	
53	Washer, gland guard		2	31499.5903.3	9630039001	

SRU5 Horizontally Ported Pump Model - Exploded View Drawing



SRU5 Vertically Ported Pump						
Drg No.	Description	Qty	Part No.	Item No.		
1	Gearcase	1	5220.355.00	9630101616		
2	Dowel	2	5170.010	9630023461		
3	Stud, rotorcase retention	4	6350.138	9630052265		
4	Nut, rotorcase retention	4	5330.001	9630024053		
4A	Washer, rotorcase retention	4	6400.038	9630024236		
5	Cover, gearcase	1	5120.165	9630072515		
6	Screw, gearcase cover	5	5990.030	9630024629		
7	Lip seal, drive end	1	5310.012 5310.082	9630023996 9630032810		
8	Shim	1 set	6150.158 6150.159	9630033860 9630033411		
8A	Shim retainer	2	6150.315	9630089544		
8B	Screw, shim retainer	4	6000.010	9630050533		
9	Rotorcase	1	see page 26-33	see page 26-33		
10	Stud, rotorcase/cover retention	8	6350.104	9630019863		
11	'O' Ring, cover - plain	1	NBR	1550.273	9630046179	
			FPM	1551.273	9630046180	
			EPDM	1555.273	9630046181	
			PTFE	1552.273	9630022526	
	'O' Ring, cover - relief valve		NBR	1550.274	9630029652	
			FPM	1551.274	9630028410	
			EPDM	1555.274	9630027380	
			PTFE	1552.274	9630031557	
12	Cover, rotorcase	1	5130.315 5130.335 see page 63	9630046126 9630027765 see page 63		
13	Dome nut, rotorcase cover	8	5340.047	9630029651		
14	Retainer, seal	2	5560.036	9630026099		
15	Screw, seal retainer	6	5990.030	9630024629		
16	Lip seal, gland end	2	5310.043 5310.076	9630030630 9630032802		
17	Rotor, Trilobe Stainless Steel	2	10 bar 70°C	5740.116D	9630046161	
			10 bar 130°C	5740.116E	9630047513	
			10 bar 200°C	5740.116F	9630048057	
			20 bar 70°C	5740.116K	9630046611	
			20 bar 130°C	5740.116L	9630048058	
			20 bar 200°C	5740.116M	9630048059	
	Rotor, Bilobe Stainless Steel		10 bar 70°C	5741.116D	9630090615	
			10 bar 130°C	5741.116E	9630090616	
			10 bar 200°C	5741.116F	9630090617	
			20 bar 70°C	5741.116K	9630090618	
			20 bar 130°C	5741.116L	9630090619	
			20 bar 200°C	5741.116M	9630090620	
	Rotor, Bilobe non-galling		10 bar 70°C	5761.116D	9630090512	
			10 bar 130°C	5761.116E	9630090513	
			10 bar 200°C	5761.116F	9630090514	
			20 bar 70°C	5761.116K	9630090515	
			20 bar 130°C	5761.116L	9630090516	
			20 bar 200°C	5761.116M	9630090517	
	Rotor, Trilobe, NBR covered		SRU5/116	5722.116	9630021349	
	Rotor, Trilobe Stainless Steel		7 bar 70°C	5740.168D	9630046162	
			7 bar 130°C	5740.168E	9630035491	
			7 bar 200°C	5740.168F	9630048060	
			15 bar 70°C	5740.168K	9630046607	
			15 bar 130°C	5740.168L	9630048061	
			15 bar 200°C	5740.168M	9630048062	



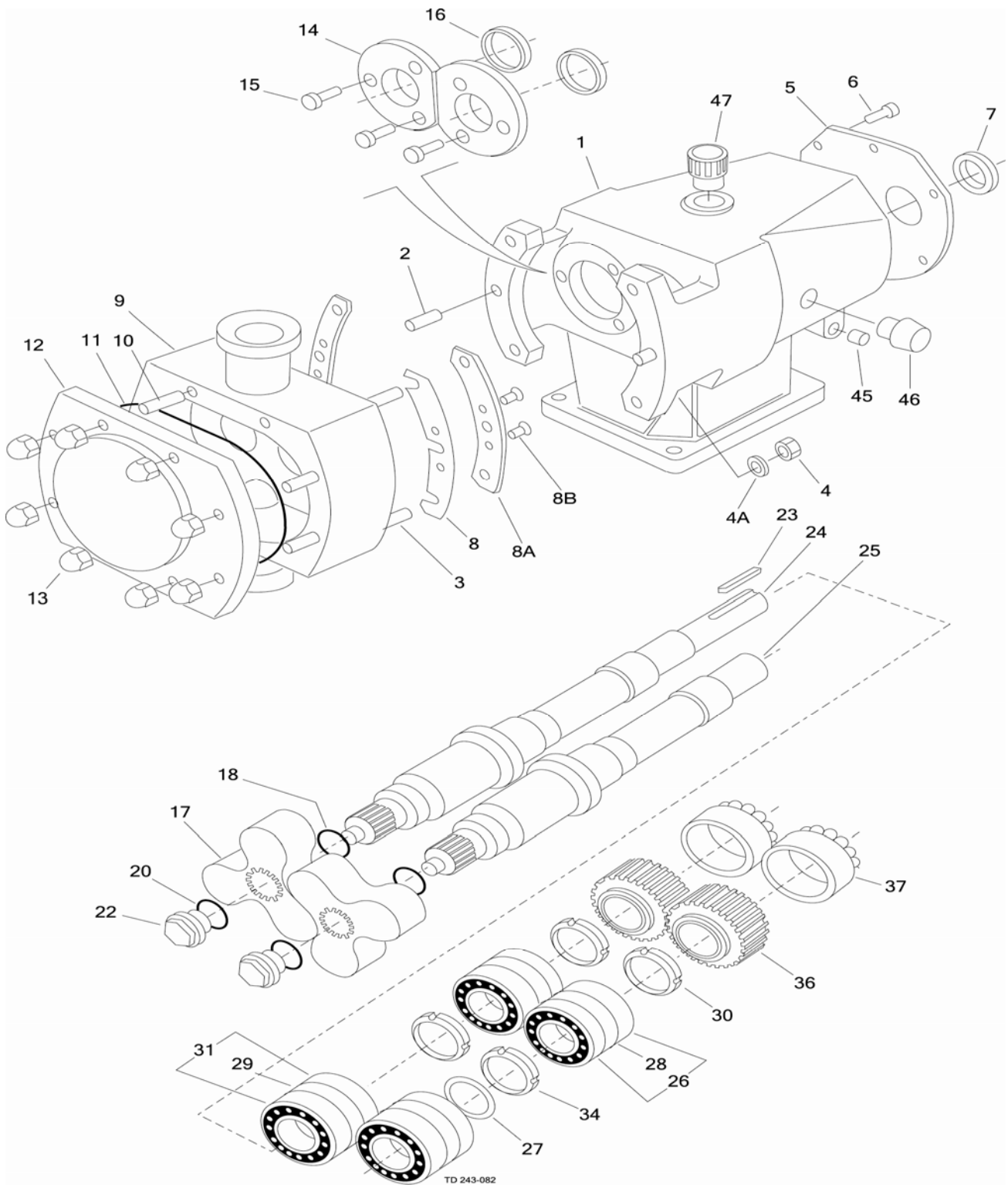
SRU5 Vertically Ported Pump (continued)						
Drg No.	Description			Qty	Part No.	Item No.
17	Rotor, Bilobe Stainless Steel	7 bar 70°C	SRU5/168/ HS	2	5741.168D	9630090621
		7 bar 130°C			5741.168E	9630090622
		7 bar 200°C			5741.168F	9630090623
		15 bar 70°C	SRU5/168/ HD		5741.168K	9630090624
		15 bar 130°C			5741.168L	9630090625
		15 bar 200°C			5741.168M	9630090626
	Rotor, Bilobe non-galling	7 bar 70°C	SRU5/168/ HS		5761.168D	9630090518
		7 bar 130°C			5761.168E	9630090519
		7 bar 200°C			5761.168F	9630090520
		15 bar 70°C	SRU5/168/ HD		5761.168K	9630090521
		15 bar 130°C			5761.168L	9630090522
		15 bar 200°C			5761.168M	9630090523
Rotor, Trilobe, NBR covered			SRU5/168	5722.168	9630022562	
18	'O' Ring, rotor sealing shaft end (St.Stl rotor)	NBR		1550.135	9630037151	
		FPM		1551.135	9630037153	
		EPDM		1555.135	9630037150	
		PTFE		1558.135	9630037154	
		'O' Ring, rotor sealing shaft end (NBR covered rotor)	NBR		5380.263	9630023523
FPM			5380.273	9630027378		
EPDM			5380.306	9630032653		
20	'O' Ring, rotor sealing nut end		NBR		1550.133	9630037146
		FPM		1551.133	9630037148	
		EPDM		1555.133	9630037145	
		PTFE		1558.133	9630037149	
22	Nut, rotor retention	SRU5/116		2	5900.169	9630046134
		SRU5/168			5900.170	9630046142
23	Key			1	5270.013	9630023940
24	Shaft, drive (St.Stl)	R90		1	6110.551	9630031107
		Hyclean			6110.659	9630046284
	Shaft, drive (Duplex)	R90			6110.558	9630031111
		Hyclean			6110.663	9630046280
25	Shaft, auxiliary (St.Stl)	R90		1	6100.551	9630031109
		Hyclean			6100.659	9630046271
	Shaft, auxiliary (Duplex)	R90			6100.558	9630031110
		Hyclean			6100.663	9630046273
26	Bearing, rear			4	5080.015	9630029034
27	Spacer, shaft abutment			1	5670.067.01	9630035209
28	Spacer, bearing drive end			2	5670.049	9630031175
29	Spacer, bearing gland end			2	5670.051	9630031133
30	Nut, bearing rear			2	5340.035	9630024100
31	Bearing, front			4	5080.017	9630029036
34	Nut, bearing front			2	5340.045	9630029139
36	Timing gear			2	5210.034	9630031162
37	Torque locking assembly			2	5615.005	9630024455
45	Drain plug			1	1660.008	9630023548
46	Sight glass - standard (for ATEX pump see 'ATEX Parts')			1	5480.001	9630032778
47	Filler plug - standard (for ATEX pump see 'ATEX Parts')			1	31491.0052.1	9630018599
48	Plug			1	1660.008	9630023548
50	Gland guard, upper - standard (for ATEX pump see 'ATEX Parts')			1	5243.115	9630089888
50A	Gland guard, lower - standard (for ATEX pump see 'ATEX Parts')			1	5243.117	9630090985
51	Screw, gland guard			3	5990.066	9630028936
52	Washer, gland guard			3	6400.036	9630024231
53	Washer, gland guard			3	31499.5903.3	9630039001



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SRU5 Vertically Ported Pump Model - Exploded View Drawing

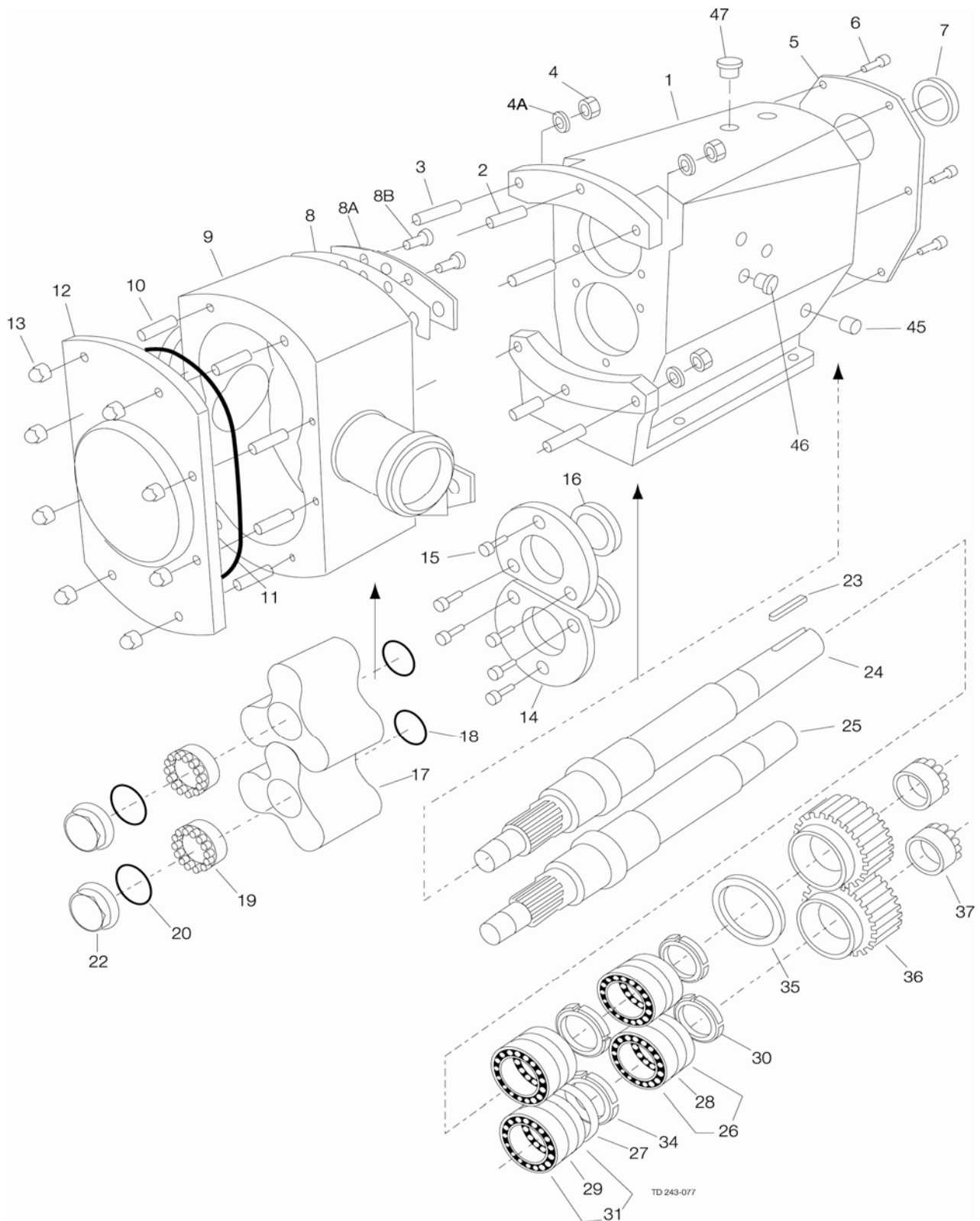


SRU6 Horizontally Ported Pump						
Drg No.	Description		Qty	Part No.	Item No.	
1	Gearcase	AL Blue	1	5220.081.46	9630076719	
2	Dowel		2	5170.011	9630023467	
3	Stud, rotorcase retention		4	6350.139	9630052267	
4	Nut, rotorcase retention		4	5330.002	9630024055	
4A	Washer, rotorcase retention		4	6400.041	9630024238	
5	Cover, gearcase		1	5120.049	9630030972	
6	Screw, gearcase cover		6	5990.030	9630024629	
7	Lip seal, drive end	(not for ATEX) NBR FPM	1	5310.039 5310.072	9630030625 9630032798	
8	Shim	(not for ATEX) Polymex St.Stl	1 set	6150.160 6150.161	9630033391 9630033392	
8A	Shim retainer		2	6150.266	9630051782	
8B	Screw, shim retainer		4	6000.010	9630050533	
9	Rotorcase		1	see page 26-33	see page 26-33	
10	Stud, rotorcase/cover retention		8	6350.098	9630030574	
11	'O' Ring, cover - plain	NBR	1	1550.277	9630046182	
		FPM		1551.277	9630046183	
		EPDM		1555.277	9630046185	
		PTFE		1552.277	9630046184	
	'O' Ring, cover - relief valve	NBR		5380.210	9630030494	
		FPM		5380.276	9630027458	
		EPDM		5380.278	9630026948	
		PTFE		5380.266	9630031559	
12	Cover, rotorcase	Plain	1	5130.316	9630046128	
		For rectangular inlet		5130.346	9630052945	
		Drilled for jacket		5130.336	9630027763	
		Relief valve		see page 63	see page 63	
13	Dome nut, rotorcase cover		8	5340.022	9630024088	
14	Retainer, seal		2	5560.037	9630026103	
15	Screw, seal retainer		6	5990.030	9630024629	
16	Lip seal, gland end	(not for ATEX) NBR FPM	2	5310.044 5310.077	9630030631 9630032803	
17	Rotor, Trilobe Stainless Steel	10 bar 70°C	SRU6/260/ LS	5740.260D	9630088940	
		10 bar 130°C		5740.260E	9630088964	
		10 bar 200°C		5740.260F	9630088965	
		20 bar 70°C		SRU6/260/ LD	5740.260K	9630088966
		20 bar 130°C			5740.260L	9630088967
		20 bar 200°C			5740.260M	9630088968
	Rotor, Bilobe Stainless Steel	10 bar 70°C	SRU6/260/ LS	5741.260D	9630089843	
		10 bar 130°C		5741.260E	9630090627	
		10 bar 200°C		5741.260F	9630090628	
		20 bar 70°C	SRU6/260/ LD	5741.260K	9630090629	
		20 bar 130°C		5741.260L	9630090630	
		20 bar 200°C		5741.260M	9630090631	
	Rotor, Bilobe non-galling	10 bar 70°C	SRU6/260/ LS	5761.260D	9630090549	
		10 bar 130°C		5761.260E	9630090550	
		10 bar 200°C		5761.260F	9630090551	
		20 bar 70°C	SRU6/260/ LD	5761.260K	9630090552	
		20 bar 130°C		5761.260L	9630090553	
		20 bar 200°C		5761.260M	9630090554	
	Rotor, Trilobe Stainless Steel	7 bar 70°C	SRU6/353/ LS	5740.353D	9630046164	
		7 bar 130°C		5740.353E	9630021847	
7 bar 200°C		5740.353F		9630049090		
15 bar 70°C		SRU6/353/ LD	5740.353K	9630048560		
15 bar 130°C			5740.353L	9630020871		
15 bar 200°C			5740.353M	9630057067		



SRU6 Horizontally Ported Pump (continued)						
Drg No.	Description			Qty	Part No.	Item No.
17	Rotor, Bilobe Stainless Steel	7 bar 70°C	SRU6/353/LS	2	5741.353D	9630090632
		7 bar 130°C			5741.353E	9630090633
		7 bar 200°C			5741.353F	9630090634
		15 bar 70°C	SRU6/353/LD		5741.353K	9630090635
		15 bar 130°C			5741.353L	9630090636
		15 bar 200°C			5741.353M	9630090637
	Rotor, Bilobe non-galling	7 bar 70°C	SRU6/353/LS		5761.353D	9630090532
		7 bar 130°C			5761.353E	9630090533
		7 bar 200°C			5761.353F	9630090534
		15 bar 70°C	SRU6/353/LD		5761.353K	9630090535
		15 bar 130°C			5761.353L	9630090536
		15 bar 200°C			5761.353M	9630090537
Rotor, Trilobe, NBR covered			SRU6/353	5722.353	9630029892	
18	'O' Ring, rotor sealing shaft end (St.Stl rotor)	NBR		1550.143	9630046199	
		FPM		1551.143	9630046200	
		EPDM		1555.143	9630046201	
		PTFE		1558.143	9630046202	
	'O' Ring, rotor sealing shaft end (NBR covered rotor)		NBR	5380.025	9630024124	
		FPM	5380.026	9630024125		
		EPDM	5380.079	9630024196		
19	Torque locking assembly			2	5615.014	9630029039
20	'O' Ring, rotor sealing nut end	NBR		1550.143	9630046199	
		FPM		1551.143	9630046200	
		EPDM		1555.143	9630046201	
		PTFE		1558.143	9630046202	
22	Nut, rotor retention		SRU6/260 SRU6/353	2	5900.171 5900.172	9630046136 9630046144
23	Key			1	5270.013	9630023940
24	Shaft, drive (St.Stl)		R90 Hyclean	1	6110.553 6110.708	9630030811 9630048167
	Shaft, drive (Duplex)		R90 Hyclean		6110.559 6110.709	9630030814 9630048168
25	Shaft, auxiliary (St.Stl)		R90 Hyclean	1	6100.553 6100.708	9630030813 9630048162
	Shaft, auxiliary (Duplex)		R90 Hyclean		6100.559 6100.709	9630030815 9630048163
26	Bearing, rear			4	5080.017	9630029036
27	Spacer, shaft abutment			1	5670.068.01	9630034661
28	Spacer, bearing drive end			2	5670.051	9630031133
29	Spacer, bearing gland end			2	5670.053	9630031135
30	Nut, bearing rear			2	5340.045	9630029139
31	Bearing, front			4	5080.019	9630029038
34	Nut, bearing front			2	5340.046	9630029140
35	Lip seal, upper chamber	(not for ATEX) NBR FPM		1	5310.046 5310.069	9630030620 9630032805
36	Timing gear			2	5210.035	9630030718
37	Torque locking assembly			2	5615.005	9630024455
45	Drain plug			2	1660.008	9630023548
46	Sight glass - standard (for ATEX pump see 'ATEX Parts')			2	5480.001	9630032778
47	Filler plug - standard (for ATEX pump see 'ATEX Parts')			2	31491.0052.1	9630018599
50	Gland guard - standard (for ATEX pump see 'ATEX Parts')			2	5243.116	9630089889
51	Screw, gland guard			2	5990.066	9630028936
52	Washer, gland guard			2	6400.036	9630024231
53	Washer, gland guard			2	31499.5903.3	9630039001

SRU6 Horizontally Ported Pump Model - Exploded View Drawing



SRU6 Vertically Ported Pump						
Drg No.	Description			Qty	Part No.	Item No.
1	Gearcase AL Blue			1	5220.329.46	9630086308
2	Dowel			2	5170.011	9630023467
3	Stud, rotorcase retention			4	6350.139	9630052267
4	Nut, rotorcase retention			4	5330.002	9630024055
4A	Washer, rotorcase retention			4	6400.041	9630024238
5	Cover, gearcase			1	5120.150	9630058651
6	Screw, gearcase cover			5	5990.030	9630024629
7	Lip seal, drive end	(not for ATEX)	NBR FPM	1	5310.039 5310.072	9630030625 9630032798
8	Shim	(not for ATEX)	Polymex St.Stl	1 set	6150.160 6151.161	9630033391 9630033392
8A	Shim retainer			2	6150.266	9630051782
8B	Screw, shim retainer			4	6000.010	9630050533
9	Rotorcase			1	see page 26-33	see page 26-33
10	Stud, rotorcase/cover retention			8	6350.098	9630030574
11	'O' Ring, cover - plain		NBR	1	1550.277	9630046182
			FPM		1551.277	9630046183
			EPDM		1555.277	9630046185
			PTFE		1552.277	9630046184
	'O' Ring, cover - relief valve		NBR		5380.210	9630030494
			FPM		5380.276	9630027458
			EPDM		5380.278	9630026948
			PTFE		5380.266	9630031559
Cover, rotorcase	Plain For rectangular inlet Drilled for jacket Relief valve		1	5130.316	9630046128	
				5130.346	9630052945	
				5130.336	9630027763	
				see page 63	see page 63	
13	Dome nut, rotorcase cover			8	5340.022	9630024088
14	Retainer, seal			2	5560.037	9630026103
15	Screw, seal retainer			6	5990.030	9630024629
16	Lip seal, gland end	(not for ATEX)	NBR FPM	2	5310.044 5310.077	9630030631 9630032803
17	Rotor, Trilobe Stainless Steel	10 bar 70°C 10 bar 130°C 10 bar 200°C	SRU6/260/ HS	2	5740.260D	9630088940
					5740.260E	9630088964
					5740.260F	9630088965
			SRU6/260/ HD		5740.260K	9630088966
					5740.260L	9630088967
					5740.260M	9630088968
	Rotor, Bilobe Stainless Steel	10 bar 70°C 10 bar 130°C 10 bar 200°C	SRU6/260/ HS		5741.260D	9630089843
					5741.260E	9630090627
					5741.260F	9630090628
			SRU6/260/ HD		5741.260K	9630090629
					5741.260L	9630090630
					5741.260M	9630090631
	Rotor, Bilobe non-galling	10 bar 70°C 10 bar 130°C 10 bar 200°C	SRU6/260/ HS		5761.260D	9630090549
					5761.260E	9630090550
					5761.260F	9630090551
			SRU6/260/ HD		5761.260K	9630090552
					5761.260L	9630090553
					5761.260M	9630090554
Rotor, Trilobe Stainless Steel	7 bar 70°C 7 bar 130°C 7 bar 200°C	SRU6/353/ HS	5740.353D	9630046164		
			5740.353E	9630021847		
			5740.353F	9630049090		
		SRU6/353/ HD	5740.353K	9630048560		
			5740.353L	9630020871		
			5740.353M	9630057067		



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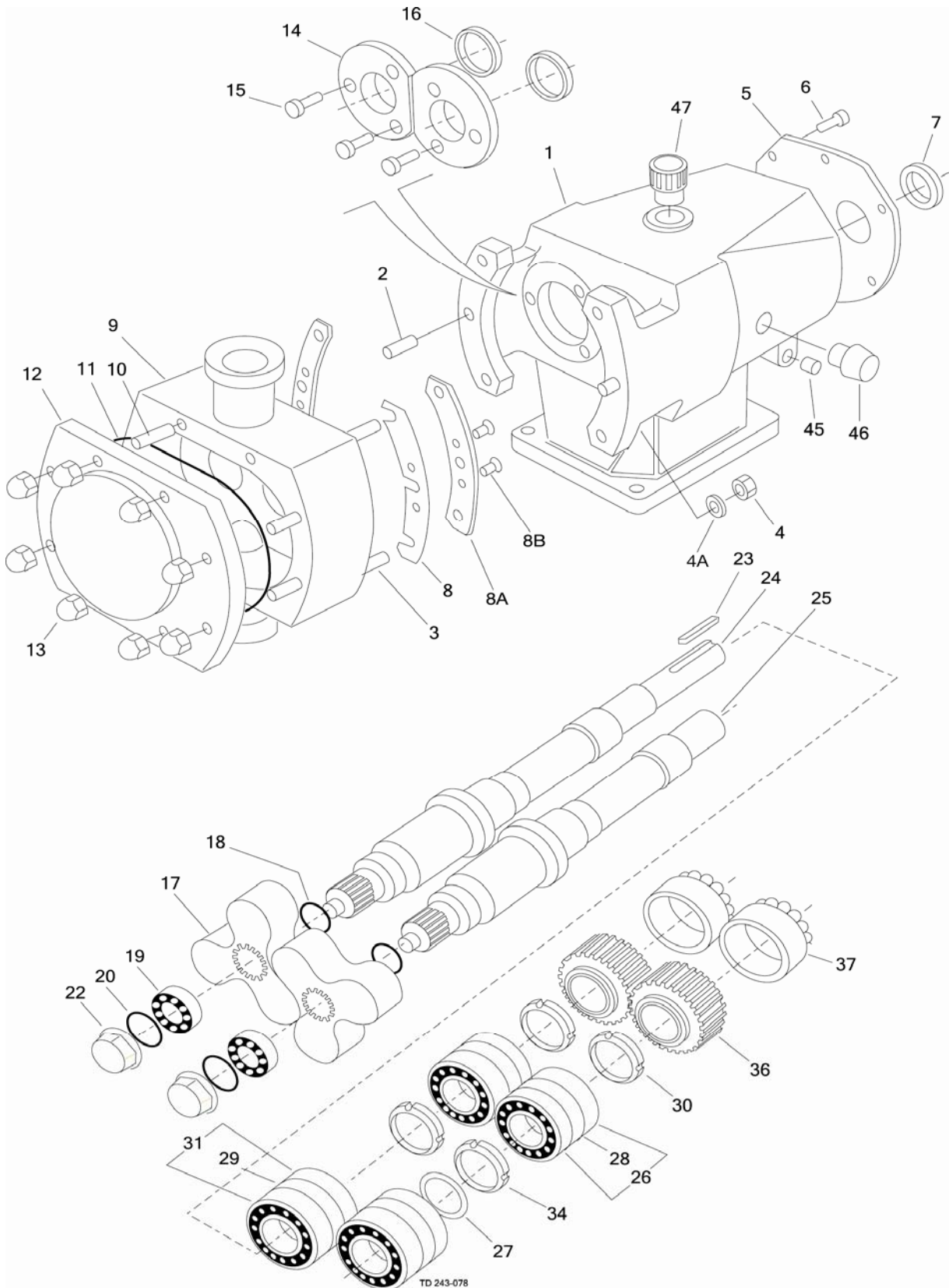
SRU6 Vertically Ported Pump (continued)						
Drg No.	Description			Qty	Part No.	Item No.
17	Rotor, Bilobe Stainless Steel	7 bar 70°C	SRU6/353/ HS	2	5741.353D	9630090632
		7 bar 130°C			5741.353E	9630090633
		7 bar 200°C			5741.353F	9630090634
		15 bar 70°C	SRU6/353/ HD		5741.353K	9630090635
		15 bar 130°C			5741.353L	9630090636
		15 bar 200°C			5741.353M	9630090637
	Rotor, Bilobe non-galling	7 bar 70°C	SRU6/353/ HS		5761.353D	9630090532
		7 bar 130°C			5761.353E	9630090533
		7 bar 200°C			5761.353F	9630090534
		15 bar 70°C	SRU6/353/ HD		5761.353K	9630090535
		15 bar 130°C			5761.353L	9630090536
		15 bar 200°C			5761.353M	9630090537
Rotor, Trilobe, NBR covered			SRU6/353	5722.353	9630029892	
18	'O' Ring, rotor sealing shaft end (St.Stl rotor)	NBR		1550.143	9630046199	
		FPM		1551.143	9630046200	
		EPDM		1555.143	9630046201	
		PTFE		1558.143	9630046202	
	'O' Ring, rotor sealing shaft end (NBR covered rotor)		NBR	5380.025	9630024124	
19	Torque locking assembly		FPM	5380.026	9630024125	
			EPDM	5380.079	9630024196	
20	'O' Ring, rotor sealing nut end		2	5615.014	9630029039	
NBR				1550.143	9630046199	
				FPM	1551.143	9630046200
				EPDM	1555.143	9630046201
				PTFE	1558.143	9630046202
	22	Nut, rotor retention		2	5900.171	9630046136
SRU6/353					5900.172	9630046144
23	Key			1	5270.013	9630023940
24	Shaft, drive (St.Stl)		1	6110.553	9630030811	
				Hyclean	6110.708	9630048167
25	Shaft, drive (Duplex)		1	6110.559	9630030814	
				Hyclean	6110.709	9630048168
	Shaft, auxiliary (St.Stl)			R90	6100.553	9630030813
				Hyclean	6100.708	9630048162
26	Bearing, rear		4	6100.559	9630030815	
				Hyclean	6100.709	9630048163
27	Bearing, rear			4	5080.017	9630029036
28	Spacer, shaft abutment			1	5670.068.01	9630034661
29	Spacer, bearing drive end			2	5670.051	9630031133
30	Spacer, bearing gland end			2	5670.053	9630031135
31	Nut, bearing rear			2	5340.045	9630029139
32	Bearing, front			4	5080.019	9630029038
33	Nut, bearing front			2	5340.046	9630029140
34	Timing gear			2	5210.035	9630030718
35	Torque locking assembly			2	5615.005	9630024455
36	Drain plug			1	1660.008	9630023548
37	Sight glass - standard (for ATEX pump see 'ATEX Parts')			1	5480.001	9630032778
38	Filler plug - standard (for ATEX pump see 'ATEX Parts')			1	31491.0052.1	9630018599
39	Plug			1	1660.008	9630023548
40	Gland guard, upper - standard (for ATEX pump see 'ATEX Parts')			1	5243.116	9630089889
41	Gland guard, lower - standard (for ATEX pump see 'ATEX Parts')			1	5243.118	9630090986
42	Screw, gland guard			3	5990.066	9630028936
43	Washer, gland guard			3	6400.036	9630024231
44	Washer, gland guard			3	31499.5903.3	9630039001



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SRU6 Vertically Ported Pump Model - Exploded View Drawing



Rotorcases - R90 and Packed Gland - SRU1 and SRU2 Pump Models								
Port Standard	Size		SRU1/005		Size		SRU1/008	
	in	mm	Part No.	Item No.	in	mm	Part No.	Item No.
BSP	1	25	9037.026S	9630035253	1	25	9402.026S	9630094184
					1½	40	9038.027S	9630041361
BSPT	1	25	9037.058S	9630047685	1	25	9402.058S	9630100140
					1½	40	9038.059S	9630049263
DIN11851	1	25	9037.090S	9630035408	1	25	9402.090S	9630091092
					1½	40	9038.091S	9630044839
ISS/IDF	1	25	9037.042S	9630041360	1	25	9402.042S	9630091094
					1½	40	9038.043S	9630032114
NPT	1	25	9037.050S	9630025360	1	25	9402.050S	
					1½	40	9038.051S	9630041025
RDG	1	25	9037.106S	9630036912	1	25	9402.106S	9630095526
					1½	40	9038.107S	9630045960
RJT	1	25	9037.034S	9630040936	1	25	9402.034S	9630090682
					1½	40	9038.035S	9630027464
SMS	1	25	9037.074S	9630048554	1	25	9402.074S	9630091095
					1½	40	9038.075S	9630035482
SMS FS	1	25	9037.098S	9630042643	1	25	9402.098S	
					1½	40	9038.099S	9630040688
Tri-clamp (BS4825)	1	25	9037.082S	9630034317	1	25	9402.082S	9630091096
					1½	40	9038.083S	9630035370
ASA/ANSI 150RF	1	25	9037.018S	9630040467	1	25	9402.018S	9630091608
					1½	40	9038.019S	9630032891
BS10E	1	25	9037.002S	9630042822	1	25	9402.002S	
					1½	40	9038.003S	9630045877
BS4504/DIN2533	1	25	9037.010S	9630046881	1	25	9402.010S	9630096325
					1½	40	9038.011S	9630039966
Port Standard	Size		SRU2/013		Size		SRU2/018	
	in	mm	Part No.	Item No.	in	mm	Part No.	Item No.
BSP	1	25	9403.026S	9630097142	1½	40	9040.252S	9630038875
					1½	40	9040.028S	9630035255
BSPT	1	25	9403.058S	9630096197	1½	40	9040.696S	
					1½	40	9040.060S	9630041917
DIN11851	1	25	9403.090S	9630091135	1½	40	9040.276S	9630047060
					1½	40	9040.092S	9630044840
ISS/IDF	1	25	9403.042S	9630091136	1½	40	9040.318S	9630051111
					1½	40	9040.044S	9630034882
NPT	1	25	9403.050S		1½	40	9040.695S	
					1½	40	9040.052S	9630043302
RDG	1	25	9403.106S	9630096259	1½	40	9040.699S	9630096262
					1½	40	9040.108S	9630040515
RJT	1	25	9403.034S	9630090684	1½	40	9040.342S	9630049667
					1½	40	9040.036S	9630042855
SMS	1	25	9403.074S	9630091137	1½	40	9040.253S	9630047840
					1½	40	9040.076S	9630035191
SMS FS	1	25	9403.098S		1½	40	9040.698S	
					1½	40	9040.100S	9630042901
Tri-clamp (BS4825)	1	25	9403.082S	9630091138	1½	40	9040.274S	9630050076
					1½	40	9040.084S	9630034323
ASA/ANSI 150RF	1	25	9403.018S	9630097319	1½	40	9040.360S	9630052895
					1½	40	9040.020S	9630037418
BS10E	1	25	9403.002S		1½	40	9040.694S	
					1½	40	9040.004S	9630035615
BS4504/DIN2533	1	25	9403.010S	9630097318	1½	40	9040.416S	9630066552
					1½	40	9040.012S	9630042646

Note: See pages 31-33 for other rotorcase part numbers.



Rotorcases - R90 and Packed Gland - SRU3 and SRU4 Pump Models								
Port Standard	Size		SRU3/027		Size		SRU3/038	
	in	mm	Part No.	Item No.	in	mm	Part No.	Item No.
BSP	1½	40	9041.252S	9630053809	2	50	9042.231S	9630054621
	2	50	9041.028S	9630035459	2½	65	9042.030S	9630035256
BSPT	1½	40	9041.696S		2	50	9042.283S	9630064524
	2	50	9041.060S	9630029609	2½	65	9042.062S	9630046105
DIN11851	1½	40	9041.276S	9630061933	2	50	9042.235S	9630043521
	2	50	9041.092S	9630046494	2½	65	9042.094S	9630033350
ISS/IDF	1½	40	9041.318S	9630069141	2	50	9042.233S	9630045797
	2	50	9041.044S	9630037083	2½	65	9042.046S	9630045780
NPT	1½	40	9041.695S		2	50	9042.707S	
	2	50	9041.052S	9630035343	2½	65	9042.054S	9630049133
RDG	1½	40	9041.699S	9630099043	2	50	9042.383S	9630071039
	2	50	9041.108S	9630045994	2½	65	9042.110S	9630041411
RJT	1½	40	9041.342S	9630052370	2	50	9042.232S	9630046015
	2	50	9041.036S	9630035368	2½	65	9042.038S	9630033412
SMS	1½	40	9041.253S	9630047805	2	50	9042.234S	9630049451
	2	50	9041.076S	9630040720	2½	65	9042.078S	9630039493
SMS FS	1½	40	9041.698S		2	50	9042.709S	
	2	50	9041.100S	9630040687	2½	65	9042.102S	9630046884
Tri-clamp (BS4825)	1½	40	9041.274S	9630050075	2	50	9042.271S	9630050074
	2	50	9041.084S	9630034320	2½	65	9042.086S	9630035195
ASA/ANSI 150RF	1½	40	9041.360S	9630053629	2	50	9042.272S	9630049332
	2	50	9041.020S	9630040626	2½	65	9042.022S	9630030030
BS10E	1½	40	9041.694S		2	50	9042.706S	
	2	50	9041.004S	9630045554	2½	65	9042.006S	9630049477
BS4504/DIN2533	1½	40	9041.416S	9630075563	2	50	9042.327S	9630050103
	2	50	9041.012S	9630028993	2½	65	9042.014S	9630041044
Port Standard	Size		SRU4/055		Size		SRU4/079	
	in	mm	Part No.	Item No.	in	mm	Part No.	Item No.
BSP	2	50	9043.231S	9630051186	2½	65	9408.644S	
	2½	65	9043.030S	9630034294	3	80	9044.135S	9630035200
BSPT	2	50	9043.283S	9630101275	2½	65	9408.647S	
	2½	65	9043.062S	9630047680	3	80	9044.143S	9630046558
DIN11851	2	50	9043.235S	9630050860	2½	65	9408.651S	9630091139
	2½	65	9043.094S	9630028631	3	80	9044.151S	9630040420
ISS/IDF	2	50	9043.233S	9630050954	2½	65	9408.645S	9630091140
	2½	65	9043.046S	9630046826	3	80	9044.139S	9630040340
NPT	2	50	9043.707S		2½	65	9408.646S	
	2½	65	9043.054S	9630022489	3	80	9044.141S	9630047284
RDG	2	50	9043.383S	9630099338	2½	65	9408.653S	9630099339
	2½	65	9043.110S	9630038257	3	80	9044.155S	9630041401
RJT	2	50	9043.232S	9630049172	2½	65	9408.623S	9630087647
	2½	65	9043.038S	9630033116	3	80	9044.137S	9630040693
SMS	2	50	9043.234S	9630051221	2½	65	9408.649S	9630091141
	2½	65	9043.078S	9630046955	3	80	9044.147S	9630035480
SMS FS	2	50	9043.709S		2½	65	9408.652S	9630099704
	2½	65	9043.102S	9630036291	3	80	9044.153S	9630040686
Tri-clamp (BS4825)	2	50	9043.271S	9630051385	2½	65	9408.650S	9630091142
	2½	65	9043.086S	9630034321	3	80	9044.149S	9630025894
ASA/ANSI 150RF	2	50	9043.272S	9630044148	2½	65	9408.685S	9630095534
	2½	65	9043.022S	9630039583	3	80	9044.133S	9630020783
BS10E	2	50	9043.706S		2½	65	9408.683S	
	2½	65	9043.006S	9630045833	3	80	9044.129S	9630045984
BS4504/DIN2533	2	50	9043.327S	9630053994	2½	65	9408.684S	9630096996
	2½	65	9043.014S	9630039967	3	80	9044.131S	9630034945

Note: See pages 31-33 for other rotorcase part numbers.



Rotorcases - R90 and Packed Gland - SRU5 and SRU6 Pump Models								
Port Standard	Size		SRU5/116		Size		SRU5/168	
	in	mm	Part No.	Item No.	in	mm	Part No.	Item No.
BSP	2½	65	9409.644S		3	80	9410.664S	
	3	80	9045.135S	9630035257	4	100	9046.136S	9630047872
BSPT	2½	65	9409.647S		3	80	9410.667S	
	3	80	9045.143S	9630046612	4	100	9046.144S	9630046608
DIN11851	2½	65	9409.651S	9630091143	3	80	9410.671S	9630091147
	3	80	9045.151S	9630046584	4	100	9046.152S	9630044841
ISS/IDF	2½	65	9409.645S	9630091144	3	80	9410.665S	9630091148
	3	80	9045.139S	9630041749	4	100	9046.140S	9630027225
NPT	2½	65	9409.646S		3	80	9410.666S	
	3	80	9045.141S	9630040625	4	100	9046.142S	9630048066
RDG	2½	65	9409.653S		3	80	9410.681S	
	3	80	9045.155S	9630042941	4	100	9046.156S	
RJT	2½	65	9409.623S	9630087648	3	80	9410.624S	9630087649
	3	80	9045.137S	9630037447	4	100	9046.138S	9630039297
SMS	2½	65	9409.649S	9630091145	3	80	9410.669S	9630091149
	3	80	9045.147S	9630039428	4	100	9046.148S	9630039495
SMS FS	2½	65	9409.652S	9630099542	3	80	9410.672S	
	3	80	9045.153S	9630018870	4	100	9046.154S	9630046777
Tri-clamp (BS4825)	2½	65	9409.650S	9630091146	3	80	9410.670S	9630091150
	3	80	9045.149S	9630034322	4	100	9046.150S	9630043290
ASA/ANSI 150RF	2½	65	9409.685S	9630100771	3	80	9410.737S	
	3	80	9045.133S	9630035993	4	100	9046.134S	9630030124
BS10E	2½	65	9409.683S		3	80	9410.735S	
	3	80	9045.129S	9630052719	4	100	9046.130S	9630046969
BS4504/DIN2533	2½	65	9409.684S	9630101062	3	80	9410.736S	
	3	80	9045.131S	9630045737	4	100	9046.132S	9630025556
Port Standard	Size		SRU6/260		Size		SRU6/353	
	in	mm	Part No.	Item No.	in	mm	Part No.	Item No.
BSP	4	100	9411.032S		4	100	9412.032S	
					6	150	9048.280S	9630029405
BSPT	4	100	9411.064S		4	100	9412.064S	
					6	150	9048.279S	
DIN11851	4	100	9411.096S	9630091151	4	100	9412.096S	9630091156
					6	150	9048.230S	9630049407
ISS/IDF	4	100	9411.048S	9630091152	4	100	9412.048S	9630091157
					6	150	-	-
NPT	4	100	9411.056S		4	100	9412.056S	
					6	150	9048.597S	9630074167
RDG	4	100	9411.112S	9630094924	4	100	9412.112S	
					6	150	-	-
RJT	4	100	9411.040S	9630091153	4	100	9412.040S	9630091158
					6	150	9048.222S	9630046117
SMS	4	100	9411.080S	9630091154	4	100	9412.080S	9630091159
					6	150	-	-
SMS FS	4	100	9411.104S	9630096216	4	100	9412.104S	
					6	150	-	-
Tri-clamp (BS4825)	4	100	9411.088S	9630091155	4	100	9412.088S	9630091160
					6	150	9048.300S	9630046203
ASA/ANSI 150RF	4	100	9411.024S	9630094539	4	100	9412.024S	
					6	150	9048.163S	9630043089
BS10E	4	100	9411.008S		4	100	9412.008S	
					6	150	9048.161S	9630042448
BS4504/DIN2533	4	100	9411.016S	9630046608	4	100	9412.016S	9630099663
					6	150	9048.162S	9630043511

Note: See pages 31-33 for other rotorcase part numbers.



Rotorcases - Hyclean Seal - SRU1 to SRU4 Pump Models								
Port Standard	Size		SRU1/005		Size		SRU1/008	
	in	mm	Part No.	Item No.	in	mm	Part No.	Item No.
DIN11851	1	25	9285.090S	9630054283	1	25	9414.090S	9630091161
					1½	40	9286.091S	9630058653
ISS/IDF	1	25	9285.042S	9630056767	1	25	9414.042S	9630091162
					1½	40	9286.043S	9630091166
RJT	1	25	9285.034S	9630058406	1	25	9414.034S	9630091163
					1½	40	9286.035S	9630059916
SMS	1	25	9285.074S	9630056102	1	25	9414.074S	9630091164
					1½	40	9286.075S	9630056103
Tri-clamp (BS4825)	1	25	9285.082S	9630050788	1	25	9414.082S	9630091165
					1½	40	9286.083S	9630053014
Port Standard	Size		SRU2/013		Size		SRU2/018	
	in	mm	Part No.	Item No.	in	mm	Part No.	Item No.
DIN11851	1	25	9415.090S	9630091167	1½	40	9212.276S	9630065013
	1½	40	9211.091S	9630048096	2	50	9212.092S	9630053711
ISS/IDF	1	25	9415.042S	9630091168	1½	40	9212.318S	9630091172
	1½	40	9211.043S	9630052409	2	50	9212.044S	9630049311
RJT	1	25	9415.034S	9630091169	1½	40	9212.342S	9630091173
	1½	40	9211.035S	9630050887	2	50	9212.036S	9630058407
SMS	1	25	9415.074S	9630091170	1½	40	9212.253S	9630051172
	1½	40	9211.075S	9630025246	2	50	9212.076S	9630025966
Tri-clamp (BS4825)	1	25	9415.082S	9630091171	1½	40	9212.274S	9630060346
	1½	40	9211.083S	9630049282	2	50	9212.084S	9630049452
Port Standard	Size		SRU3/027		Size		SRU3/038	
	in	mm	Part No.	Item No.	in	mm	Part No.	Item No.
DIN11851	1½	40	9213.276S	9630091174	2	50	9214.235S	9630059135
	2	50	9213.092S	9630053607	2½	65	9214.094S	9630064742
ISS/IDF	1½	40	9213.318S	9630091175	2	50	9214.233S	9630051143
	2	50	9213.044S	9630048390	2½	65	9214.046S	9630048042
RJT	1½	40	9213.342S	9630091176	2	50	9214.232S	9630076542
	2	50	9213.036S	9630058140	2½	65	9214.038S	9630047015
SMS	1½	40	9213.253S	9630059132	2	50	9214.234S	9630054697
	2	50	9213.076S	9630021034	2½	65	9214.078S	9630047832
Tri-clamp (BS4825)	1½	40	9213.274S	9630064835	2	50	9214.271S	9630059760
	2	50	9213.084S	9630041053	2½	65	9214.086S	9630049378
Port Standard	Size		SRU4/055		Size		SRU4/079	
	in	mm	Part No.	Item No.	in	mm	Part No.	Item No.
DIN11851	2	50	9215.235S	9630058038	2½	65	9420.651S	9630091179
	2½	65	9215.094S	9630056738	3	80	9216.151S	9630051822
ISS/IDF	2	50	9215.233S	9630091178	2½	65	9420.645S	9630091180
	2½	65	9215.046S	9630050863	3	80	9216.139S	9630050509
RJT	2	50	9215.232S	9630020697	2½	65	9420.623S	9630091184
	2½	65	9215.038S	9630056284	3	80	9216.137S	9630054907
SMS	2	50	9215.234S	9630037077	2½	65	9420.649S	9630091182
	2½	65	9215.078S	9630047833	3	80	9216.147S	9630047834
Tri-clamp (BS4825)	2	50	9215.271S	9630059224	2½	65	9420.650S	9630091183
	2½	65	9215.086S	9630049379	3	80	9216.149S	9630059310

Note: See pages 31-33 for other rotorcase part numbers.

Rotorcases - Hyclean Seal - SRU5 and SRU6 Pump Models								
Port Standard	Size		SRU5/116		Size		SRU5/168	
	in	mm	Part No.	Item No.	in	mm	Part No.	Item No.
DIN11851	2½	65	9421.651S	9630091186	3	80	9422.671S	9630091194
	3	80	9217.151S	9630048336	4	100	9218.152S	9630049898
ISS/IDF	2½	65	9421.645S	9630091187	3	80	9422.665S	9630091195
	3	80	9217.139S	9630050864	4	100	9218.140S	9630091199
RJT	2½	65	9421.623S	9630091188	3	80	9422.624S	9630091196
	3	80	9217.137S	9630057931	4	100	9218.138S	9630049207
SMS	2½	65	9421.649S	9630091189	3	80	9422.669S	9630091197
	3	80	9217.147S	9630047837	4	100	9218.148S	9630047838
Tri-clamp (BS4825)	2½	65	9421.650S	9630091190	3	80	9422.670S	9630091198
	3	80	9217.149S	9630048868	4	100	9218.150S	9630056995
Port Standard	Size		SRU6/260		Size		SRU6/353	
	in	mm	Part No.	Item No.	in	mm	Part No.	Item No.
DIN11851	4	100	9423.096S	9630091200	4	100	9424.096S	9630091206
					6	150	9220.230S	9630052121
ISS/IDF	4	100	9423.048S	9630091202	4	100	9424.048S	9630091207
					6	150	-	-
RJT	4	100	9423.040S	9630091203	4	100	9424.040S	9630091208
					6	150	9220.222S	9630059131
SMS	4	100	9423.080S	9630091204	4	100	9424.080S	9630091209
					6	150	-	-
Tri-clamp (BS4825)	4	100	9423.088S	9630091205	4	100	9424.088S	9630091210
					6	150	9220.300S	9630049316

Note: See pages 31-33 for other rotorcase part numbers.

Rotorcases - Body Part Numbers

Due to the high number of combinations of rotorcase body and port standard the below tables show how to construct the complete rotorcase part number.

Example:

Rotorcase machined for R90 mechanical seal with 1" (25mm) BSP male connections for SRU1/005 pump.

Part number 9037.026S = 9 + 037 + 026 + S

where 9 = constant

037 = rotorcase body code

026 = rotorcase port code

S = constant (SRU)

Example:

(vertically ported flanged rotorcase SRU1-5 ONLY)

Rotorcase machined for R90 mechanical seal with 1" (25mm) ASA150RF connections for SRU1/005 pump.

Part no. 9037.018/324S = 9 + 037 + 018 + 324 + S

where 9 = constant

037 = rotorcase body code

018 = rotorcase top port code

324 = rotorcase bottom port code for bend

S = constant (SRU)

For bottom flanged bends and gaskets see page 33.

R90 = R90 and Packed Gland Seal

HYC = Hyclean Seal

HS = drilled for Heating Saddle

RECT = Rectangular Inlet

Port bore and code information is for internal use only

Rotorcase Body	Port Bore Size (mm)	Connection Size (mm)	Code	R90	R90 HS	R90 RECT	R90 RECT HS	HYC	HYC HS	HYC RECT	HYC RECT HS
SRU1/005 SAN	22.2	25	B	037	061	181	241	285	308	483	471
SRU1/008 SAN	22.2	25	B	402	425	432	455	414	439	446	472
ENL	26.0	40	C	038	062	191	242	286	309	454	463
SRU2/013 SAN	22.2	25	B	403	426	433	456	415	440	447	473
ENL	26.0	40	C	039	063	182	243	211	231	221	464
SRU2/018 SAN	34.9	40	D	016	052	-	-	-	-	-	-
ENL	34.9	50	E	040	064	192	244	212	232	222	474
SRU3/027 SAN	34.9	40	D	017	053	-	-	-	-	-	-
ENL	34.9	50	E	041	065	183	245	213	233	223	475
SRU3/038 SAN	47.6	50	G	016	054	-	-	-	-	-	-
ENL	47.6	65	H	042	066	193	246	214	234	224	476
SRU4/055 SAN	47.6	50	G	019	055	-	-	-	-	-	-
ENL	47.6	65	H	043	067	184	247	215	235	225	477
SRU4/079 SAN	60.3	65	I	408	427	434	457	420	441	448	478
ENL	63.0	80	K	044	068	194	248	216	236	226	465
SRU5/116 SAN	60.3	65	I	409	428	435	458	421	442	449	479
ENL	63.0	80	K	045	069	185	249	217	237	227	466
SRU5/168 SAN	73.0	80	M	410	429	436	459	422	443	450	480
ENL	78.0	100	O	046	070	195	250	218	238	228	467
SRU6/260 SAN	97.6	100	P	411	430	437	460	423	444	451	481
SRU6/353 SAN	97.6	100	P	412	431	438	461	424	445	452	482
ENL	120.0	150	Q	048	072	196	252	220	462	230	468



Rotorcases - Port Part Numbers											
Rotorcase Port	Port Bore			BSP	BSPT	NPT	IDF	RJT	ILC	3A ACME	RDG
	Size (mm)	Bore	Code								
005	25	13.5	A	025	057	049	041	033	113	065	105
005/008/013	25	22.2	B	026	058	050	042	034	114	066	106
008/013/018/027	40	26.0	C	027	059	051	043	035	115	067	107
018/027	40	34.9	D	252	696	695	318	342	700	697	699
018/027/055	50	34.9	E	028	060	052	044	036	116	068	108
038	50	38.0	F	029	061	053	045	037	117	069	109
038/055	50	47.6	G	231	283	707	233	232	710	708	383
038/055/079/116	65	47.6	H	030	062	054	046	038	118	070	110
079/116	65	60.3	I	644	647	646	645	623	654	648	653
079/116	65	63.0	J	-	-	-	376	377	-	-	-
079/116	80	63.0	K	135	143	141	139	137	157	145	155
168	80	70.0	L	031	063	055	047	039	119	071	111
168	80	73.0	M	664	667	666	665	624	673	668	681
168	100	78.0	O	136	144	142	140	138	158	146	156
260/353	100	97.6	P	032	064	056	048	040	120	072	112
353	150	120.0	Q	280	279	597	-	-	-	-	-
Rotorcase Port	Port Bore			SMS	SMS FS	DIN 11851	Tri Clamp BS4825	I LINE	SRJT	Thread Bevel Seat	DS
	Size (mm)	Bore	Code								
005	25	13.5	A	073	097	089	081	121	564	242	286
005/008/013	25	22.2	B	074	098	090	082	122	565	243	287
008/013/018/027	40	26.0	C	075	099	091	083	123	566	244	288
018/027	40	34.9	D	253	698	276	274	701	567	420	289
018/027/055	50	34.9	E	076	100	092	084	124	568	245	290
038	50	38.0	F	077	101	093	085	125	569	246	291
038/055	50	47.6	G	234	709	235	271	711	570	421	292
038/055/079/116	65	47.6	H	078	102	094	086	126	508	247	293
079/116	65	60.3	I	649	652	651	650	655	662	657	659
079/116	65	63.0	J	450	-	428	323	-	-	456	384
079/116	80	63.0	K	147	153	151	149	159	509	250	294
168	80	70.0	L	079	103	095	087	127	571	248	295
168	80	73.0	M	669	672	671	670	674	738	676	678
168	100	78.0	O	148	154	152	150	160	573	251	296
260/353	100	97.6	P	080	104	096	088	128	572	249	297
353	150	120.0	Q	-	-	230	300	-	222	-	-
Rotorcase Port	Port Bore			BS10 E	BS10 F	ASA 150RF	ASA 300RF	BS 4504 PN16	JIS B2212/ 10F	ASA 150FF	SMS Sodime
	Size (mm)	Bore	Code								
005	25	13.5	A	001	168	017	197	009	179	211	396
005/008/013	25	22.2	B	002	169	018	198	010	180	212	397
008/013/018/027	40	26.0	C	003	170	019	199	011	181	213	398
018/027	40	34.9	D	694	702	360	704	416	703	705	399
018/027/055	50	34.9	E	004	171	020	200	012	182	214	400
038	50	38.0	F	005	172	021	201	013	183	215	401
038/055	50	47.6	G	706	712	272	714	327	713	715	402
038/055/079/116	65	47.6	H	006	173	022	202	014	184	216	403
079/116	65	60.3	I	683	686	685	688	684	687	689	661
079/116	65	63.0	J	-	-	-	-	-	-	-	-
079/116	80	63.0	K	129	176	133	203	131	186	217	406
168	80	70.0	L	007	174	023	204	015	185	218	404
168	80	73.0	M	735	-	737	-	736	-	-	680
168	100	78.0	O	130	177	134	205	132	188	219	407
260/353	100	97.6	P	008	175	024	206	016	187	220	405
353	150	120.0	Q	161	178	163	207	162	189	221	-

Rotorcases - Port Part Numbers (continued)									
Rotorcase Port	Port Bore			BS	DIN	DIN	DIN	DIN	Rotorcase bottom port code for flanged bend
	Size (mm)	Bore	Code	4504 PN25	2576 4504FF	2573	32676	11864- 1A	
005	25	13.5	A	584	467	489	-	-	-
005/008/013	25	22.2	B	585	468	490	-	775	324
008/013/018/027	40	26.0	C	586	487	491	-	605	257
018/027	40	34.9	D	-	-	-	-	776	-
018/027/055	50	34.9	E	587	463	492	-	606	258
038	50	38.0	F	588	469	493	-	-	-
038/055	50	47.6	G	589	-	-	-	774	273
038/055/079/116	65	47.6	H	563	470	488	503	777	259
079/116	65	60.3	I	690	691	692	693	663	-
079/116	65	63.0	J	-	-	498	504	-	-
079/116	80	63.0	K	593	473	496	499	778	260
168	80	70.0	L	590	471	494	505	607	-
168	80	73.0	M	-	-	-	-	682	-
168	100	78.0	O	594	486	497	-	780	261
260/353	100	97.6	P	591	472	495	-	781	-
353	150	120.0	Q	595	-	-	-	-	-
Flanged Bends (for SRU1-5 vertically ported pumps)									
Rotorcase Port	Port Bore			BS10		ASA		BS	PTFE Gasket
	Size (mm)	Bore	Code	E		150RF		4504 PN16	
005	25	22.2	B	5000.454		5000.453		5000.455	5198.188
008/013	40	26.0	C	5000.408		5000.398		5000.413	5198.170
018/027	40	34.9	D	-		-		-	-
018/027	50	34.9	E	5000.409		5000.399		5000.414	5198.171
038/055	50	47.6	G	5000.409		5000.399		5000.414	5198.171
038/055	65	47.6	H	5000.410		5000.400		5000.415	5198.172
079/116	80	63.0	K	5000.411		5000.401		5000.416	5198.173
168	100	78.0	O	5000.412		5000.402		5000.417	5198.174

Rectangular to Round Adaptors

The table below shows how to construct the part number for rectangular to round adaptors.

Example:

Rectangular to Round Adaptor with 4" (100mm) SMS connection for SRU4/079 pump.

Part number 5001.359.080 = 5001.359 + 080

where 5001.359 = rectangular adaptor code

080 = adaptor port code (see page 32-33)

Rotorcase	Port Bore			Rectangular Adaptor code
	Size (mm)	Bore	Code	
SRU1/005	40	26.0	C	5001.435
SRU1/008	50	38.0	F	5001.236
SRU2/013	50	38.0	F	5001.275
SRU2/018	80	70.0	L	5001.237
SRU3/027	80	70.0	L	5001.281
SRU3/038	80	70.0	L	5001.238
SRU4/055	100	97.6	P	5001.316
SRU4/079	100	97.6	P	5001.359
SRU5/116	100	97.6	P	5001.367
SRU5/168	150	120.0	Q	5001.240
SRU6/260	150	120.0	Q	
SRU6/353	150	120.0	Q	5001.241

Rotorcase	Fixing Stud (4 per adaptor)		Nut, Fixing Stud (4 per adaptor)	
	Part No.	Item No.	Part No.	Item No.
SRU1	6350.019	9630023949	5330.007	9630024061
SRU2	6350.018	9630035187	5330.007	9630024061
SRU3	6350.093	9630031415	5330.003	9630024057
SRU4	6350.093	9630031415	5330.003	9630024057
SRU5	6350.104	9630019863	5330.000	9630024051
SRU6	5990.038	9630027137	-	-

Rotorcase	'O' Ring, FPM (1 per adaptor)	
	Part No.	Item No.
SRU1/005	1551.033	9630075998
SRU1/008	1551.034	9630063230
SRU2/013	1551.035	9630087703
SRU2/018	1551.143	9630046200
SRU3/027	1551.151	9630077949
SRU3/038	1551.152	9630038937
SRU4/055	5380.403	9630043060
SRU4/079	5380.161	9630024291
SRU5/116	5380.292	9630031929
SRU5/168	1551.249	9630023462
SRU6/260	1551.259	9630040020
SRU6/353	1551.262	9630865829

Cover/Spline Sealing Kits - SRU Pump Models

Each kit comprises of Rotorcase Cover 'O' Ring and Rotor 'O' Rings for one pump.

Kits for Relief Valve Covers also include Valve Piston 'O' Ring.

Cover Type	'O' Rings	SRU1		SRU2	
		Part No.	Item No.	Part No.	Item No.
Plain - st.stl rotor	NBR	KU1BB	9630099423	KU2BB	9630099431
	EPDM	KU1CC	9630099424	KU2CC	9630099432
	FPM	KU1DD	9630099425	KU2DD	9630099433
	PTFE	KU1EE	9630099426	KU2EE	9630099434
Plain - rubber rotor	NBR	-	-	KU2GB	9630099439
Relief Valve	NBR	KU1BG	9630099427	KU2BG	9630099435
	EPDM	KU1CH	9630099428	KU2CH	9630099436
	FPM	KU1DJ	9630099429	KU2DJ	9630099437
	PTFE	KU1EK	9630099430	KU2EK	9630099438
Cover Type	'O' Rings	SRU3		SRU4	
		Part No.	Item No.	Part No.	Item No.
Plain - st.stl rotor	NBR	KU3BB	9630099440	KU4BB	9630099449
	EPDM	KU3CC	9630099441	KU4CC	9630099450
	FPM	KU3DD	9630099442	KU4DD	9630099451
	PTFE	KU3EE	9630099443	KU4EE	9630099452
Plain - rubber rotor	NBR	KU3GB	9630099448	KU4GB	9630099457
Relief Valve	NBR	KU3BG	9630099444	KU4BG	9630099453
	EPDM	KU3CH	9630099445	KU4CH	9630099454
	FPM	KU3DJ	9630099446	KU4DJ	9630099455
	PTFE	KU3EK	9630099447	KU4EK	9630099456
Cover Type	'O' Rings	SRU5		SRU6	
		Part No.	Item No.	Part No.	Item No.
Plain - st.stl rotor	NBR	KU5BB	9630099458	KU6BB	9630099467
	EPDM	KU5CC	9630099459	KU6CC	9630099468
	FPM	KU5DD	9630099460	KU6DD	9630099469
	PTFE	KU5EE	9630099461	KU6EE	9630099470
Plain - rubber rotor	NBR	KU5GB	9630099466	KU6GB	9630099475
Relief Valve	NBR	KU5BG	9630099462	KU6BG	9630099471
	EPDM	KU5CH	9630099463	KU6CH	9630099472
	FPM	KU5DJ	9630099464	KU6DJ	9630099473
	PTFE	KU5EK	9630099465	KU6EK	9630099474



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Service Kits (R90 Single Mechanical Seals) - SRU Pump Models					
Each kit comprises of 1 off Cover/Spline Sealing Kit and 2 off complete Mechanical Seals for one pump.					
Rotary Seal / Stationary Seal Ring	'O' Rings	SRU1		SRU2	
		Part No.	Item No.	Part No.	Item No.
Stainless Steel / Inserted Carbon	NBR	KU1BB-C10	9630856380	KU2BB-C10	9630856404
	EPDM	KU1CC-C11	9630856381	KU2CC-C11	9630856405
	FPM	KU1DD-C12	9630856382	KU2DD-C12	9630856406
Tungsten Carbide / Inserted Carbon	NBR	KU1BB-C20	9630856383	KU2BB-C20	9630856407
	EPDM	KU1CC-C21	9630856384	KU2CC-C21	9630856408
	FPM	KU1DD-C22	9630856385	KU2DD-C22	9630856409
Tungsten Carbide / Tungsten Carbide	NBR	KU1BB-C40	9630856389	KU2BB-C40	9630856413
	EPDM	KU1CC-C41	9630856390	KU2CC-C41	9630856414
	FPM	KU1DD-C42	9630856391	KU2DD-C42	9630856415
Silicon Carbide / Inserted Carbon	NBR	KU1BB-C30	9630856386	KU2BB-C30	9630856410
	EPDM	KU1CC-C31	9630856387	KU2CC-C31	9630856411
	FPM	KU1DD-C32	9630856388	KU2DD-C32	9630856412
Silicon Carbide / Silicon Carbide	NBR	KU1BB-C50	9630856392	KU2BB-C50	9630856416
	EPDM	KU1CC-C51	9630856393	KU2CC-C51	9630856417
	FPM	KU1DD-C52	9630856394	KU2DD-C52	9630856418
Rotary Seal / Stationary Seal Ring	'O' Rings	SRU3		SRU4	
		Part No.	Item No.	Part No.	Item No.
Stainless Steel / Inserted Carbon	NBR	KU3BB-C10	9630856428	KU4BB-C10	9630856452
	EPDM	KU3CC-C11	9630856429	KU4CC-C11	9630856453
	FPM	KU3DD-C12	9630856430	KU4DD-C12	9630856454
Tungsten Carbide / Inserted Carbon	NBR	KU3BB-C20	9630856431	KU4BB-C20	9630856455
	EPDM	KU3CC-C21	9630856432	KU4CC-C21	9630856456
	FPM	KU3DD-C22	9630856433	KU4DD-C22	9630856457
Tungsten Carbide / Tungsten Carbide	NBR	KU3BB-C40	9630856437	KU4BB-C40	9630856461
	EPDM	KU3CC-C41	9630856438	KU4CC-C41	9630856462
	FPM	KU3DD-C42	9630856439	KU4DD-C42	9630856463
Silicon Carbide / Inserted Carbon	NBR	KU3BB-C30	9630856434	KU4BB-C30	9630856458
	EPDM	KU3CC-C31	9630856435	KU4CC-C31	9630856459
	FPM	KU3DD-C32	9630856436	KU4DD-C32	9630856460
Silicon Carbide / Silicon Carbide	NBR	KU3BB-C50	9630856440	KU4BB-C50	9630856464
	EPDM	KU3CC-C51	9630856441	KU4CC-C51	9630856465
	FPM	KU3DD-C52	9630856442	KU4DD-C52	9630856466
Rotary Seal / Stationary Seal Ring	'O' Rings	SRU5		SRU6	
		Part No.	Item No.	Part No.	Item No.
Stainless Steel / Inserted Carbon	NBR	KU5BB-C10	9630856476	KU6BB-C10	9630856500
	EPDM	KU5CC-C11	9630856477	KU6CC-C11	9630856501
	FPM	KU5DD-C12	9630856478	KU6DD-C12	9630856502
Tungsten Carbide / Inserted Carbon	NBR	KU5BB-C20	9630856479	KU6BB-C20	9630856503
	EPDM	KU5CC-C21	9630856480	KU6CC-C21	9630856504
	FPM	KU5DD-C22	9630856481	KU6DD-C22	9630856505
Tungsten Carbide / Tungsten Carbide	NBR	KU5BB-C40	9630856485	KU6BB-C40	9630856509
	EPDM	KU5CC-C41	9630856486	KU6CC-C41	9630856510
	FPM	KU5DD-C42	9630856487	KU6DD-C42	9630856511
Silicon Carbide / Inserted Carbon	NBR	KU5BB-C30	9630856482	KU6BB-C30	9630856506
	EPDM	KU5CC-C31	9630856483	KU6CC-C31	9630856507
	FPM	KU5DD-C32	9630856484	KU6DD-C32	9630856508
Silicon Carbide / Silicon Carbide	NBR	KU5BB-C50	9630856488	KU6BB-C50	9630856512
	EPDM	KU5CC-C51	9630856489	KU6CC-C51	9630856513
	FPM	KU5DD-C52	9630856490	KU6DD-C52	9630856514



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Service Kits (Hyclean Single Mechanical Seals) - SRU Pump Models					
Each kit comprises of 1 off Cover/Spline Sealing Kit and 2 off complete Mechanical Seals for one pump.					
Rotary Seal / Stationary Seal Ring	'O' Rings	SRU1		SRU2	
		Part No.	Item No.	Part No.	Item No.
Stainless Steel / Carbon	NBR	KU1BB-H01	9630856395	KU2BB-H01	9630856419
	EPDM	KU1CC-H05	9630856396	KU2CC-H05	9630856420
	FPM	KU1DD-H02	9630856397	KU2DD-H02	9630856421
Silicon Carbide / Carbon	NBR	KU1BB-H11	9630856398	KU2BB-H11	9630856422
	EPDM	KU1CC-H15	9630856399	KU2CC-H15	9630856423
	FPM	KU1DD-H12	9630856400	KU2DD-H12	9630856424
Silicon Carbide / Silicon Carbide	NBR	KU1BB-H21	9630856401	KU2BB-H21	9630856425
	EPDM	KU1CC-H25	9630856402	KU2CC-H25	9630856426
	FPM	KU1DD-H22	9630856403	KU2DD-H22	9630856427
Rotary Seal / Stationary Seal Ring	'O' Rings	SRU3		SRU4	
		Part No.	Item No.	Part No.	Item No.
Stainless Steel / Carbon	NBR	KU3BB-H01	9630856443	KU4BB-H01	9630856467
	EPDM	KU3CC-H05	9630856444	KU4CC-H05	9630856468
	FPM	KU3DD-H02	9630856445	KU4DD-H02	9630856469
Silicon Carbide / Carbon	NBR	KU3BB-H11	9630856446	KU4BB-H11	9630856470
	EPDM	KU3CC-H15	9630856447	KU4CC-H15	9630856471
	FPM	KU3DD-H12	9630856448	KU4DD-H12	9630856472
Silicon Carbide / Silicon Carbide	NBR	KU3BB-H21	9630856449	KU4BB-H21	9630856473
	EPDM	KU3CC-H25	9630856450	KU4CC-H25	9630856474
	FPM	KU3DD-H22	9630856451	KU4DD-H22	9630856475
Rotary Seal / Stationary Seal Ring	'O' Rings	SRU5		SRU6	
		Part No.	Item No.	Part No.	Item No.
Stainless Steel / Carbon	NBR	KU5BB-H01	9630856491	KU6BB-H01	9630856515
	EPDM	KU5CC-H05	9630856492	KU6CC-H05	9630856516
	FPM	KU5DD-H02	9630856493	KU6DD-H02	9630856517
Silicon Carbide / Carbon	NBR	KU5BB-H11	9630856494	KU6BB-H11	9630856518
	EPDM	KU5CC-H15	9630856495	KU6CC-H15	9630856519
	FPM	KU5DD-H12	9630856496	KU6DD-H12	9630856520
Silicon Carbide / Silicon Carbide	NBR	KU5BB-H21	9630856497	KU6BB-H21	9630856521
	EPDM	KU5CC-H25	9630856498	KU6CC-H25	9630856522
	FPM	KU5DD-H22	9630856499	KU6DD-H22	9630856523



R90 Single Mechanical Seals (Complete) - SRU1 and SRU2 Pump Models						
2 seals per pump. It is recommended to replace both sets of seals when wear dictates seal replacement						
Rotary Seal / Stationary Seal Ring	'O' Rings	SRU1		SRU2		
		Part No.	Item No.	Part No.	Item No.	
Stainless Steel / Carbon	NBR	7400.101N	9630032046	7400.102N	9630033227	
	EPDM	7400.101E	9630026348	7400.102E	9630033228	
	FPM	7400.101V	9630032577	7400.102V	9630032841	
	PTFE	7400.101P	9630033226	7400.102P	9630033229	
Stainless Steel / Inserted Carbon	NBR	7400.141N	9630032044	7400.142N	9630033248	
	EPDM	7400.141E	9630033246	7400.142E	9630033250	
	FPM	7400.141V	9630033245	7400.142V	9630033249	
	PTFE	7400.141P	9630033247	7400.142P	9630033251	
Tungsten Carbide / Inserted Carbon	NBR	7400.161N	9630032048	7400.162N	9630033268	
	EPDM	7400.161E	9630033274	7400.162E	9630033277	
	FPM	7400.161V	9630033273	7400.162V	9630033276	
	PTFE	7400.161P	9630033275	7400.162P	9630033278	
Tungsten Carbide / Tungsten Carbide	NBR	7400.171N	9630032049	7400.172N	9630032473	
	EPDM	7400.171E	9630033296	7400.172E	9630033299	
	FPM	7400.171V	9630033295	7400.172V	9630033298	
	PTFE	7400.171P	9630033297	7400.172P	9630033300	
Silicon Carbide / Inserted Carbon	NBR	7400.191N	9630090695	7400.192N	9630090697	
	EPDM	7400.191E	9630090694	7400.192E	9630090696	
	FPM	7400.191V	9630069887	7400.192V	9630024870	
	PTFE	7400.191P	9630071429	7400.192P	9630090698	
Silicon Carbide / Silicon Carbide	NBR	7400.201N	9630032051	7400.202N	9630022584	
	EPDM	7400.201E	9630056727	7400.202E	9630060647	
	FPM	7400.201V	9630035318	7400.202V	9630060084	
	PTFE	7400.201P	9630090693	7400.202P	9630030257	
Description	Qty	SRU1		SRU2		
		Part No.	Item No.	Part No.	Item No.	
Anti-Rotation Pin	6	5180.017	9630031424	5180.017	9630031424	
Spacer (over 10 bar only)	2	-	-	5670.070	9630028683	
Spacer 'O' Ring (FPM)	2	-	-	5380.053	9630024181	
Additional parts to convert pump fitted with above R90 seals to single flushed seals						
Description	Drawing	Qty	SRU1		SRU2	
	Item No.		Part No.	Item No.	Part No.	Item No.
Conversion kit - BSPT	-	1	4010.331A	9630091217	4010.332A	9630091220
Conversion kit - NPT	-		4010.331B	9630091218	4010.332B	9630091221
Conversion kits comprising of:-						
Gasket	75	1	5198.201	9630062179	-	-
		2	-	-	5198.100	9630031523
Lip Seal (FPM)	76	2	5310.123	9630061801	5310.124	9630061802
Spacer 'O' Ring (FPM)	77	2	5380.319	9630034859	5380.053	9630024181
Spacer	77A	2	5670.109	9630033407	5670.070	9630028683
Housing, BSPT	79	2	5265.224AA	9630028370	5265.305A	9630032706
Housing, NPT			5265.224BA	9630045526	5265.305B	9630045913
Stud	-	4	6350.112	9630033405	6350.102	9630027474
Washer	-	4	6400.046	9630030121	6400.036	9630024231
Nut, Stud	-	4	5330.007	9630024061	5330.003	9630024057



R90 Single Mechanical Seals (Complete) - SRU3 and SRU4 Pump Models

2 seals per pump. It is recommended to replace both sets of seals when wear dictates seal replacement

Rotary Seal / Stationary Seal Ring		'O' Rings	SRU3		SRU4	
			Part No.	Item No.	Part No.	Item No.
Stainless Steel / Carbon		NBR	7400.103N	9630033230	7400.104N	9630033114
		EPDM	7400.103E	9630033231	7400.104E	9630033233
		FPM	7400.103V	9630032908	7400.104V	9630032968
		PTFE	7400.103P	9630033232	7400.104P	9630033234
Stainless Steel / Inserted Carbon		NBR	7400.143N	9630033252	7400.144N	9630033253
		EPDM	7400.143E	9630033257	7400.144E	9630033260
		FPM	7400.143V	9630033256	7400.144V	9630033259
		PTFE	7400.143P	9630033258	7400.144P	9630033261
Tungsten Carbide / Inserted Carbon		NBR	7400.163N	9630033269	7400.164N	9630033270
		EPDM	7400.163E	9630033280	7400.164E	9630033283
		FPM	7400.163V	9630033279	7400.164V	9630033282
		PTFE	7400.163P	9630033281	7400.164P	9630033284
Tungsten Carbide / Tungsten Carbide		NBR	7400.173N	9630033291	7400.174N	9630033292
		EPDM	7400.173E	9630033302	7400.174E	9630033305
		FPM	7400.173V	9630033301	7400.174V	9630033304
		PTFE	7400.173P	9630033303	7400.174P	9630033306
Silicon Carbide / Inserted Carbon		NBR	7400.193N	9630090699	7400.194N	9630042382
		EPDM	7400.193E	9630073216	7400.194E	9630087140
		FPM	7400.193V	9630090700	7400.194V	9630031835
		PTFE	7400.193P	9630090701	7400.194P	9630057619
Silicon Carbide / Silicon Carbide		NBR	7400.203N	9630043322	7400.204N	9630090702
		EPDM	7400.203E	9630050713	7400.204E	9630061483
		FPM	7400.203V	9630035405	7400.204V	9630045054
		PTFE	7400.203P	9630073421	7400.204P	9630039376
Description		Qty	SRU3		SRU4	
			Part No.	Item No.	Part No.	Item No.
Anti-Rotation Pin		6	5180.017	9630031424	5180.016	9630031422
Spacer (over 10 bar only)		2	5670.108	9630033143	5670.074	9630028655
Spacer 'O' Ring (FPM)		2	5380.019	9630024118	5380.275	9630026743
Additional parts to convert pump fitted with above R90 seals to single flushed seals						
Description	Drawing	Qty	SRU3		SRU4	
	Item No.		Part No.	Item No.	Part No.	Item No.
Conversion kit - BSPT	-	1	4010.333A	9630091222	4010.334A	9630091224
Conversion kit - NPT	-		4010.333B	9630091223	4010.334B	9630091225
Conversion kits comprising of:-						
Gasket	75	2	5198.101	9630031471	5198.102	9630031351
Lip Seal (FPM)	76	2	5310.125	9630061803	5310.126	9630061804
Spacer 'O' Ring (FPM)	77	2	5380.019	9630024118	5380.275	9630027643
Spacer	77A	2	5670.108	9630033143	5670.074	9630028655
Housing, BSPT	79	2	5265.306A	9630039927	5265.307A	9630032692
Housing, NPT			5265.306B	9630046010	5265.307B	9630045824
Stud		4	6350.102	9630027474	-	-
Washer		4	6400.036	9630024231	-	-
Nut, Stud		4	5330.003	9630024057	-	-
Screw		4	-	-	5990.078	9630060520

R90 Single Mechanical Seals (Complete) - SRU5 and SRU6 Pump Models

2 seals per pump. It is recommended to replace both sets of seals when wear dictates seal replacement

Rotary Seal / Stationary Seal Ring		'O' Rings	SRU5		SRU6	
			Part No.	Item No.	Part No.	Item No.
Stainless Steel / Carbon		NBR	7400.105N	9630033117	7400.106N	9630033237
		EPDM	7400.105E	9630033235	7400.106E	9630033239
		FPM	7400.105V	9630033118	7400.106V	9630033238
		PTFE	7400.105P	9630033236	7400.106P	9630033240
Stainless Steel / Inserted Carbon		NBR	7400.145N	9630033254	7400.146N	9630033255
		EPDM	7400.145E	9630033263	7400.146E	9630033266
		FPM	7400.145V	9630033262	7400.146V	9630033265
		PTFE	7400.145P	9630033264	7400.146P	9630033267
Tungsten Carbide / Inserted Carbon		NBR	7400.165N	9630033271	7400.166N	9630033272
		EPDM	7400.165E	9630033286	7400.166E	9630033289
		FPM	7400.165V	9630033285	7400.166V	9630033288
		PTFE	7400.165P	9630033287	7400.166P	9630033290
Tungsten Carbide / Tungsten Carbide		NBR	7400.175N	9630033293	7400.176N	9630033294
		EPDM	7400.175E	9630033308	7400.176E	9630033311
		FPM	7400.175V	9630033307	7400.176V	9630033310
		PTFE	7400.175P	9630033309	7400.176P	9630033312
Silicon Carbide / Inserted Carbon		NBR	7400.195N	9630087180	7400.196N	9630090707
		EPDM	7400.195E	9630090703	7400.196E	9630032866
		FPM	7400.195V	9630090704	7400.196V	9630028988
		PTFE	7400.195P	9630085989	7400.196P	9630069377
Silicon Carbide / Silicon Carbide		NBR	7400.205N	9630062756	7400.206N	9630090705
		EPDM	7400.205E	9630057537	7400.206E	9630077819
		FPM	7400.205V	9630045055	7400.206V	9630032232
		PTFE	7400.205P	9630045555	7400.206P	9630090706
Description		Qty	SRU5		SRU6	
			Part No.	Item No.	Part No.	Item No.
Anti-Rotation Pin		6	5180.016	9630031422	5180.015	9630029653
Spacer (over 10 bar only)		2	5670.076	9630028628	5670.078	9630028608
Spacer 'O' Ring (FPM)		2	5380.077	9630024194	5380.158	9630024289
Additional parts to convert pump fitted with above R90 seals to single flushed seals						
Description	Drawing	Qty	SRU5		SRU6	
	Item No.		Part No.	Item No.	Part No.	Item No.
Conversion kit - BSPT	-	1	4010.335A	9630091227	4010.336A	9630091229
Conversion kit - NPT	-		4010.335B	9630091228	4010.336B	9630091230
Conversion kits comprising of:-						
Gasket	75	2	5198.103	9630031077	5198.104	9630030911
Lip Seal (FPM)	76	2	5310.127	9630061805	5310.128	9630061806
Spacer 'O' Ring (FPM)	77	2	5380.077	9630024194	5380.158	9630024289
Spacer	77A	2	5670.076	9630028628	5670.078	9630028608
Housing, BSPT	79	2	5265.308A	9630022756	5265.309A	9630032590
Housing, NPT			5265.308B	9630045839	5265.309B	9630046167
Stud		4	6350.104	9630019863	6350.105	9630027485
Washer		4	6400.037	9630024233	6400.037	9630024233
Nut, Stud		4	5330.000	9630024051	5330.000	9630024051



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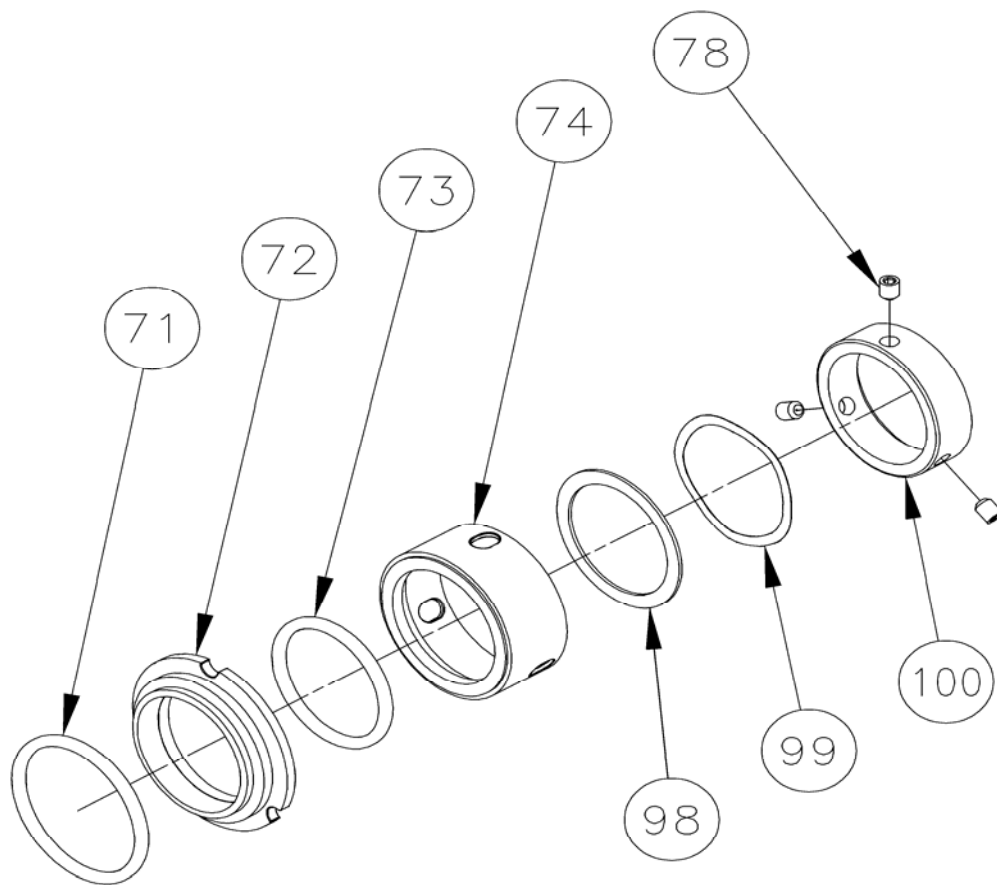
R90 Single Mechanical Seals (Parts) - SRU1 to SRU4 Pump Models							
Drg No.	Description	Material	Qty	SRU1		SRU2	
				Part No	Item No	Part No	Item No
71	Stationary Seal Ring 'O' Ring	NBR	2	5380.214	9630028449	5380.222	9630027299
		EPDM		5380.218	9630027782	5380.226	9630028377
		FPM		5380.216	9630028447	5380.224	9630028379
		PTFE		5380.220	9630019763	5380.228	9630028374
72	Stationary Seal Ring	Solid Carbon	2	R5630.066	9630026215	R5630.067	9630026164
		Inserted Carbon		R5630.060	9630025257	R5630.061	9630025258
		Tungsten Carbide		R5630.072	9630029728	R5630.073	9630026168
		Silicon Carbide		R5630.078	9630026003	R5630.079	9630044552
73	Rotary Seal Ring 'O' Ring	NBR	2	5380.213	9630028460	5380.221	9630027301
		EPDM		5380.217	9630028446	5380.225	9630028378
		FPM		5380.215	9630028448	5380.223	9630028380
		PTFE		5380.219	9630028382	5380.227	9630028375
74	Rotary Seal Assembly	Stainless Steel	2	R7400.121	9630030218	R7400.122	9630030219
		Tungsten Carbide		R7400.131	9630026464	R7400.132	9630026570
		Silicon Carbide		R7400.181	9630027025	R7400.182	9630027024
Note: Rotary Seal Assembly (74) comprises of rotary seal ring, washer (98), wave spring (99), drive ring (100) and grub screw (78)							
78	Grub Screw		6	6010.012	9630030298	6010.012	9630030298
98	Washer		2	R6400.061	9630045430	R6400.062	9630045431
99	Wave Spring (see note 1)		2	R6300.031	9630026769	R6300.032	9630026770
Drg No.	Description	Material	Qty	SRU3		SRU4	
				Part No	Item No	Part No	Item No
71	Stationary Seal Ring 'O' Ring	NBR	2	5380.230	9630028368	5380.238	9630028260
		EPDM		5380.234	9630028321	5380.242	9630025642
		FPM		5380.232	9630028357	5380.240	9630027472
		PTFE		5380.236	9630028266	5380.244	9630026096
72	Stationary Seal Ring	Solid Carbon	2	R5630.068	9630026163	R5630.069	9630017815
		Inserted Carbon		R5630.062	9630026162	R5630.063	9630035092
		Tungsten Carbide		R5630.074	9630017810	R5630.075	9630026167
		Silicon Carbide		R5630.080	9630027021	R5630.081	9630027020
73	Rotary Seal Ring 'O' Ring	NBR	2	5380.149	9630024280	5380.237	9630028263
		EPDM		5380.093	9630024206	5380.241	9630025646
		FPM		5380.101	9630024214	5380.239	9630021115
		PTFE		5380.123	9630024254	5380.243	9630026094
74	Rotary Seal Assembly	Stainless Steel	2	R7400.123	9630026877	R7400.124	9630026882
		Tungsten Carbide		R7400.133	9630026569	R7400.134	9630026585
		Silicon Carbide		R7400.183	9630027023	R7400.184	9630045909
Note: Rotary Seal Assembly (74) comprises of rotary seal ring, washer (98), wave spring (99), drive ring (100) and grub screw (78)							
78	Grub Screw		6	6010.012	9630030298	6010.013	9630030299
98	Washer		2	R6400.063	9630045432	R6400.064	9630045433
99	Wave Spring (see note 1)		2	R6300.033	9630022957	R6300.034	9630026228

Note 1. If PTFE 'O' Rings are fitted it is necessary to use double wave springs i.e. Qty 4.

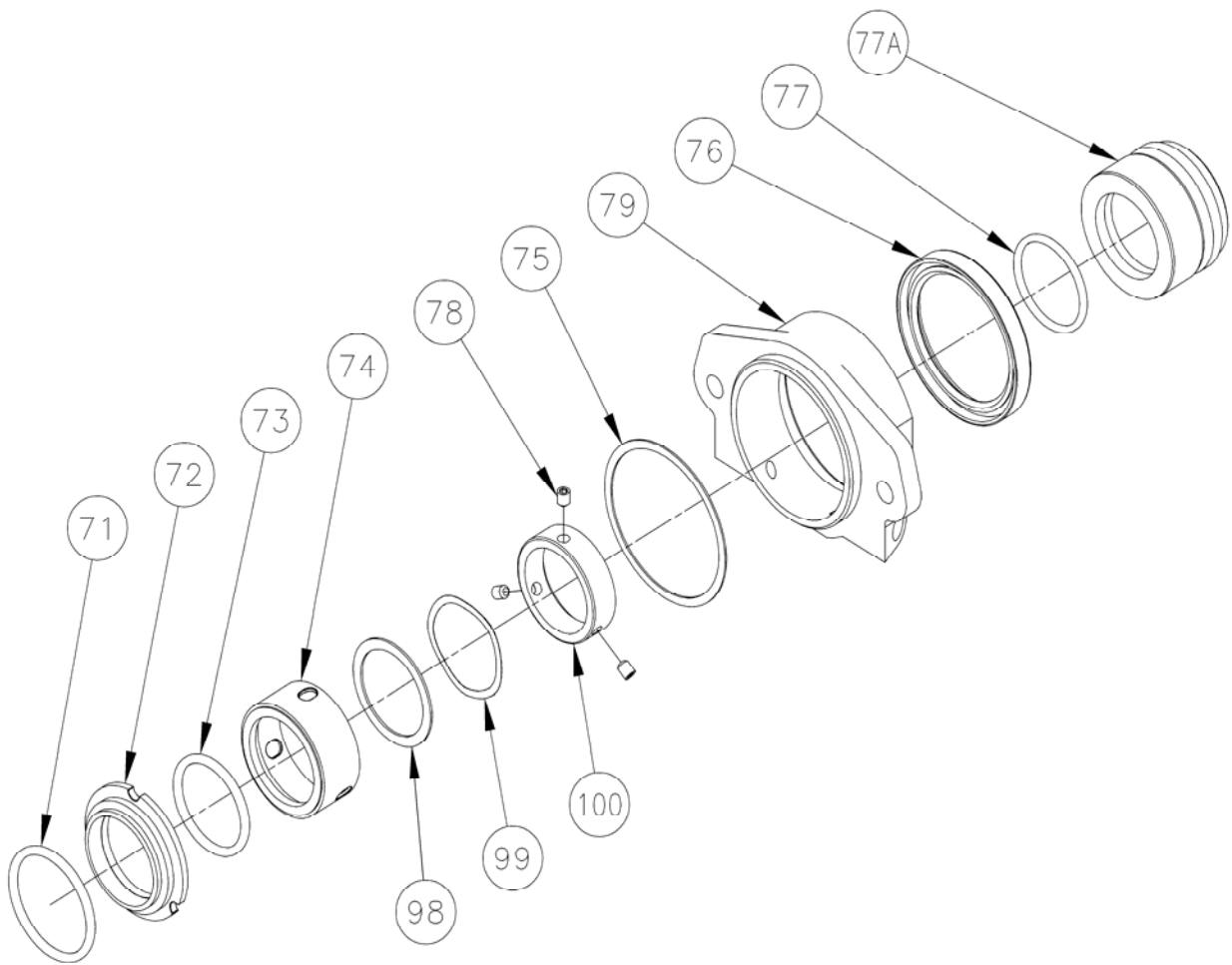
R90 Single Mechanical Seals (Parts) - SRU5 and SRU6 Pump Models							
Drg No.	Description	Material	Qty	SRU5		SRU6	
				Part No	Item No	Part No	Item No
71	Stationary Seal Ring 'O' Ring	NBR	2	5380.246	9630025417	5380.254	9630027486
		EPDM		5380.250	9630025437	5380.258	9630029893
		FPM		5380.248	9630025398	5380.256	9630029897
		PTFE		5380.252	9630025846	5380.260	9630029885
72	Stationary Seal Ring	Solid Carbon	2	R5630.070	9630026196	R5630.071	9630029729
		Inserted Carbon		R5630.064	9630026207	R5630.065	9630026165
		Tungsten Carbide		R5630.076	9630026219	R5630.077	9630026193
		Silicon Carbide		R5630.082	9630044328	R5630.083	9630027019
73	Rotary Seal Ring 'O' Ring	NBR	2	5380.245	9630026648	5380.253	9630026625
		EPDM		5380.249	9630025314	5380.257	9630029896
		FPM		5380.247	9630025438	5380.255	9630026693
		PTFE		5380.251	9630026704	5380.259	9630029889
74	Rotary Seal Assembly	Stainless Steel	2	R7400.125	9630026172	R7400.126	9630026449
		Tungsten Carbide		R7400.135	9630026584	R7400.136	9630022294
		Silicon Carbide		R7400.185	9630027022	R7400.186	9630046520
Note: Rotary Seal Assembly (74) comprises of rotary seal ring, washer (98), wave spring (99), drive ring (100) and grub screw (78)							
78	Grub Screw		6	6010.032	9630027891	6010.030	9630034730
98	Washer		2	R6400.065	9630045434	R6400.066	9630045435
99	Wave Spring (see note 1)		2	R6300.035	9630026208	-	-
	Coil Spring		12	-	-	R6300.036	9630026227

Note 1. If PTFE 'O' Rings are fitted it is necessary to use double wave springs i.e. Qty 4.

R90 Single Mechanical Seal - Exploded View Drawing



R90 Single Flushed Mechanical Seal - Exploded View Drawing



R90 Double Mechanical Seals (Complete) - SRU1 Pump Models					
2 seals per pump. It is recommended to replace both sets of seals when wear dictates seal replacement.					
Inboard Seal	Outboard Seal	Inboard Seal 'O' Ring	Outboard Seal 'O' Ring	SRU1	
Rotary Seal / Stationary Seal Ring	Rotary Seal / Stationary Seal Ring			Part No.	Item No.
Stainless Steel / Carbon	Stainless Steel / Carbon	NBR	NBR	7400.101N/101N	9630043289
		EPDM	EPDM	7400.101E/101E	9630028617
		FPM	FPM	7400.101V/101V	
		PTFE	PTFE	7400.101P/101P	
		PTFE	NBR	7400.101P/101N	9630042850
		PTFE	EPDM	7400.101P/101E	
PTFE	FPM	7400.101P/101V	9630049527		
Stainless Steel / Inserted Carbon	Stainless Steel / Inserted Carbon	NBR	NBR	7400.141N/141N	9630056927
		EPDM	EPDM	7400.141E/141E	
		FPM	FPM	7400.141V/141V	
		PTFE	PTFE	7400.141P/141P	
		PTFE	NBR	7400.141P/141N	
		PTFE	EPDM	7400.141P/141E	
PTFE	FPM	7400.141P/141V			
Tungsten Carbide / Tungsten Carbide	Stainless Steel / Carbon	NBR	NBR	7400.171N/101N	9630034043
		EPDM	EPDM	7400.171E/101E	9630041636
		FPM	FPM	7400.171V/101V	
		PTFE	PTFE	7400.171P/101P	
		PTFE	NBR	7400.171P/101N	9630025112
		PTFE	EPDM	7400.171P/101E	
PTFE	FPM	7400.171P/101V			
Tungsten Carbide / Tungsten Carbide	Tungsten Carbide / Tungsten Carbide	NBR	NBR	7400.171N/171N	9630040458
		EPDM	EPDM	7400.171E/171E	9630044855
		FPM	FPM	7400.171V/171V	
		PTFE	PTFE	7400.171P/171P	
		PTFE	NBR	7400.171P/171N	
		PTFE	EPDM	7400.171P/171E	
PTFE	FPM	7400.171P/171V			
Silicon Carbide / Silicon Carbide	Stainless Steel / Carbon	NBR	NBR	7400.201N/101N	
		EPDM	EPDM	7400.201E/101E	
		FPM	FPM	7400.201V/101V	
		PTFE	PTFE	7400.201P/101P	
		PTFE	NBR	7400.201P/101N	
		PTFE	EPDM	7400.201P/101E	
PTFE	FPM	7400.201P/101V			
Silicon Carbide / Silicon Carbide	Silicon Carbide / Silicon Carbide	NBR	NBR	7400.201N/201N	9630026649
		EPDM	EPDM	7400.201E/201E	
		FPM	FPM	7400.201V/201V	
		PTFE	PTFE	7400.201P/201P	
		PTFE	NBR	7400.201P/201N	
		PTFE	EPDM	7400.201P/201E	
PTFE	FPM	7400.201P/201V			
Note: Above are listed the most common seal ring / 'O' ring combinations - for other combinations see p.49.					
Description		Drg No.	Qty	SRU1	
				Part No.	Item No.
Gasket		75	1	5198.201	9630062179
Housing, BSPT		79	2	5265.221AA	9630040244
Housing, NPT				5265.221BA	9630029155
Elbow, BSPT		-	4	5192.050A	9630034032
Elbow, NPT				5192.050B	9630034033
Stud		-	4	6350.112	9630033404
Nut, Stud		-	4	5330.007	9630024061
Note: Elbows only required on horizontally ported pumps with flanged connections.					

R90 Double Mechanical Seals (Complete) - SRU2 Pump Models					
2 seals per pump. It is recommended to replace both sets of seals when wear dictates seal replacement.					
Inboard Seal	Outboard Seal	Inboard Seal 'O' Ring	Outboard Seal 'O' Ring	SRU2	
Rotary Seal / Stationary Seal Ring	Rotary Seal / Stationary Seal Ring			Part No.	Item No.
Stainless Steel / Carbon	Stainless Steel / Carbon	NBR	NBR	7400.102N/102N	9630034680
		EPDM	EPDM	7400.102E/102E	9630044938
		FPM	FPM	7400.102V/102V	9630034198
		PTFE	PTFE	7400.102P/102P	9630058326
		PTFE	NBR	7400.102P/102N	9630045689
		PTFE	EPDM	7400.102P/102E	
		PTFE	FPM	7400.102P/102V	9630049526
Stainless Steel / Inserted Carbon	Stainless Steel / Inserted Carbon	NBR	NBR	7400.142N/142N	9630037819
		EPDM	EPDM	7400.142E/142E	9630099017
		FPM	FPM	7400.142V/142V	9630094530
		PTFE	PTFE	7400.142P/142P	9630035263
		PTFE	NBR	7400.142P/142N	
		PTFE	EPDM	7400.142P/142E	9630092088
		PTFE	FPM	7400.142P/142V	
Tungsten Carbide / Tungsten Carbide	Stainless Steel / Carbon	NBR	NBR	7400.172N/102N	9630040399
		EPDM	EPDM	7400.172E/102E	9630041786
		FPM	FPM	7400.172V/102V	9630034946
		PTFE	PTFE	7400.172P/102P	9630039321
		PTFE	NBR	7400.172P/102N	9630033456
		PTFE	EPDM	7400.172P/102E	
		PTFE	FPM	7400.172P/102V	9630025526
Tungsten Carbide / Tungsten Carbide	Tungsten Carbide / Tungsten Carbide	NBR	NBR	7400.172N/172N	9630056098
		EPDM	EPDM	7400.172E/172E	9630035369
		FPM	FPM	7400.172V/172V	9630035299
		PTFE	PTFE	7400.172P/172P	9630052091
		PTFE	NBR	7400.172P/172N	
		PTFE	EPDM	7400.172P/172E	
		PTFE	FPM	7400.172P/172V	
Silicon Carbide / Silicon Carbide	Stainless Steel / Carbon	NBR	NBR	7400.202N/102N	9630040268
		EPDM	EPDM	7400.202E/102E	
		FPM	FPM	7400.202V/102V	
		PTFE	PTFE	7400.202P/102P	
		PTFE	NBR	7400.202P/102N	
		PTFE	EPDM	7400.202P/102E	
		PTFE	FPM	7400.202P/102V	
Silicon Carbide / Silicon Carbide	Silicon Carbide / Silicon Carbide	NBR	NBR	7400.202N/202N	9630051630
		EPDM	EPDM	7400.202E/202E	
		FPM	FPM	7400.202V/202V	
		PTFE	PTFE	7400.202P/202P	
		PTFE	NBR	7400.202P/202N	
		PTFE	EPDM	7400.202P/202E	
		PTFE	FPM	7400.202P/202V	
Note: Above are listed the most common seal ring / 'O' ring combinations - for other combinations see p.49.					
Description		Drg No.	Qty	SRU2	
				Part No.	Item No.
Gasket		75	2	5198.100	9630031523
Housing, BSPT		79	2	5265.325A	9630040952
Housing, NPT				5265.325B	9630038226
Elbow, BSPT		-	4	5192.050A	9630034032
Elbow, NPT				5192.050B	9630034033
Stud		-	4	6350.103	9630027364
Nut, Stud		-	4	5330.003	9630024057
Note: Elbows only required on horizontally ported pumps with flanged connections.					

R90 Double Mechanical Seals (Complete) - SRU3 Pump Models					
2 seals per pump. It is recommended to replace both sets of seals when wear dictates seal replacement.					
Inboard Seal	Outboard Seal	Inboard Seal 'O' Ring	Outboard Seal 'O' Ring	SRU3	
Rotary Seal / Stationary Seal Ring	Rotary Seal / Stationary Seal Ring			Part No.	Item No.
Stainless Steel / Carbon	Stainless Steel / Carbon	NBR	NBR	7400.103N/103N	9630032602
		EPDM	EPDM	7400.103E/103E	9630046017
		FPM	FPM	7400.103V/103V	9630032969
		PTFE	PTFE	7400.103P/103P	9630036747
		PTFE	NBR	7400.103P/103N	9630040110
		PTFE	EPDM	7400.103P/103E	
		PTFE	FPM	7400.103P/103V	9630043245
Stainless Steel / Inserted Carbon	Stainless Steel / Inserted Carbon	NBR	NBR	7400.143N/143N	9630039276
		EPDM	EPDM	7400.143E/143E	
		FPM	FPM	7400.143V/143V	
		PTFE	PTFE	7400.143P/143P	9630043303
		PTFE	NBR	7400.143P/143N	
		PTFE	EPDM	7400.143P/143E	
		PTFE	FPM	7400.143P/143V	
Tungsten Carbide / Tungsten Carbide	Stainless Steel / Carbon	NBR	NBR	7400.173N/103N	9630037420
		EPDM	EPDM	7400.173E/103E	9630028328
		FPM	FPM	7400.173V/103V	9630025967
		PTFE	PTFE	7400.173P/103P	9630051218
		PTFE	NBR	7400.173P/103N	
		PTFE	EPDM	7400.173P/103E	
		PTFE	FPM	7400.173P/103V	9630080288
Tungsten Carbide / Tungsten Carbide	Tungsten Carbide / Tungsten Carbide	NBR	NBR	7400.173N/173N	
		EPDM	EPDM	7400.173E/173E	9630067827
		FPM	FPM	7400.173V/173V	9630049354
		PTFE	PTFE	7400.173P/173P	9630091612
		PTFE	NBR	7400.173P/173N	
		PTFE	EPDM	7400.173P/173E	
		PTFE	FPM	7400.173P/173V	
Silicon Carbide / Silicon Carbide	Stainless Steel / Carbon	NBR	NBR	7400.203N/103N	
		EPDM	EPDM	7400.203E/103E	9630061788
		FPM	FPM	7400.203V/103V	
		PTFE	PTFE	7400.203P/103P	
		PTFE	NBR	7400.203P/103N	
		PTFE	EPDM	7400.203P/103E	
		PTFE	FPM	7400.203P/103V	
Silicon Carbide / Silicon Carbide	Silicon Carbide / Silicon Carbide	NBR	NBR	7400.203N/203N	
		EPDM	EPDM	7400.203E/203E	9630061482
		FPM	FPM	7400.203V/203V	9630051631
		PTFE	PTFE	7400.203P/203P	
		PTFE	NBR	7400.203P/203N	
		PTFE	EPDM	7400.203P/203E	
		PTFE	FPM	7400.203P/203V	
Note: Above are listed the most common seal ring / 'O' ring combinations - for other combinations see p.49.					
Description		Drg No.	Qty	SRU3	
				Part No.	Item No.
Gasket		75	2	5198.101	9630031471
Housing, BSPT		79	2	5265.326A	9630032543
Housing, NPT				5265.326B	9630046719
Elbow, BSPT		-	4	5192.050A	9630034032
Elbow, NPT				5192.050B	9630034033
Stud		-	4	6350.103	9630027364
Nut, Stud		-	4	5330.003	9630024057
Note: Elbows only required on horizontally ported pumps with flanged connections.					

R90 Double Mechanical Seals (Complete) - SRU4 Pump Models					
2 seals per pump. It is recommended to replace both sets of seals when wear dictates seal replacement.					
Inboard Seal	Outboard Seal	Inboard Seal 'O' Ring	Outboard Seal 'O' Ring	SRU4	
Rotary Seal / Stationary Seal Ring	Rotary Seal / Stationary Seal Ring			Part No.	Item No.
Stainless Steel / Carbon	Stainless Steel / Carbon	NBR	NBR	7400.104N/104N	9630033040
		EPDM	EPDM	7400.104E/104E	9630029604
		FPM	FPM	7400.104V/104V	9630032970
		PTFE	PTFE	7400.104P/104P	9630034370
		PTFE	NBR	7400.104P/104N	
		PTFE	EPDM	7400.104P/104E	
		PTFE	FPM	7400.104P/104V	9630022782
Stainless Steel / Inserted Carbon	Stainless Steel / Inserted Carbon	NBR	NBR	7400.144N/144N	9630039738
		EPDM	EPDM	7400.144E/144E	
		FPM	FPM	7400.144V/144V	9630044147
		PTFE	PTFE	7400.144P/144P	9630057429
		PTFE	NBR	7400.144P/144N	
		PTFE	EPDM	7400.144P/144E	
		PTFE	FPM	7400.144P/144V	
Tungsten Carbide / Tungsten Carbide	Stainless Steel / Carbon	NBR	NBR	7400.174N/104N	9630037201
		EPDM	EPDM	7400.174E/104E	9630039271
		FPM	FPM	7400.174V/104V	9630020899
		PTFE	PTFE	7400.174P/104P	9630042973
		PTFE	NBR	7400.174P/104N	
		PTFE	EPDM	7400.174P/104E	
		PTFE	FPM	7400.174P/104V	9630022459
Tungsten Carbide / Tungsten Carbide	Tungsten Carbide / Tungsten Carbide	NBR	NBR	7400.174N/174N	9630066039
		EPDM	EPDM	7400.174E/174E	9630061973
		FPM	FPM	7400.174V/174V	9630050779
		PTFE	PTFE	7400.174P/174P	9630060209
		PTFE	NBR	7400.174P/174N	
		PTFE	EPDM	7400.174P/174E	
		PTFE	FPM	7400.174P/174V	
Silicon Carbide / Silicon Carbide	Stainless Steel / Carbon	NBR	NBR	7400.204N/104N	
		EPDM	EPDM	7400.204E/104E	9630097660
		FPM	FPM	7400.204V/104V	9630085532
		PTFE	PTFE	7400.204P/104P	
		PTFE	NBR	7400.204P/104N	
		PTFE	EPDM	7400.204P/104E	
		PTFE	FPM	7400.204P/104V	
Silicon Carbide / Silicon Carbide	Silicon Carbide / Silicon Carbide	NBR	NBR	7400.204N/204N	
		EPDM	EPDM	7400.204E/204E	
		FPM	FPM	7400.204V/204V	
		PTFE	PTFE	7400.204P/204P	
		PTFE	NBR	7400.204P/204N	
		PTFE	EPDM	7400.204P/204E	
		PTFE	FPM	7400.204P/204V	
Note: Above are listed the most common seal ring / 'O' ring combinations - for other combinations see p.49.					
Description	Drg No.	Qty	SRU4		
			Part No.	Item No.	
Gasket	75	2	5198.102	9630031351	
Housing, BSPT	79	2	5265.327A	9630023635	
Housing, NPT			5265.327B	9630045904	
Elbow, BSPT	-	4	5192.050A	9630034032	
Elbow, NPT			5192.050B	9630034033	
Stud	-	4	6350.111	9630025823	
Nut, Stud	-	4	5330.000	9630024051	
Note: Elbows only required on horizontally ported pumps with flanged connections.					

R90 Double Mechanical Seals (Complete) - SRU5 Pump Models					
2 seals per pump. It is recommended to replace both sets of seals when wear dictates seal replacement.					
Inboard Seal	Outboard Seal	Inboard Seal 'O' Ring	Outboard Seal 'O' Ring	SRU5	
Rotary Seal / Stationary Seal Ring	Rotary Seal / Stationary Seal Ring			Part No.	Item No.
Stainless Steel / Carbon	Stainless Steel / Carbon	NBR	NBR	7400.105N/105N	9630039093
		EPDM	EPDM	7400.105E/105E	9630046016
		FPM	FPM	7400.105V/105V	9630042534
		PTFE	PTFE	7400.105P/105P	9630056839
		PTFE	NBR	7400.105P/105N	
		PTFE	EPDM	7400.105P/105E	
		PTFE	FPM	7400.105P/105V	
Stainless Steel / Inserted Carbon	Stainless Steel / Inserted Carbon	NBR	NBR	7400.145N/145N	9630039757
		EPDM	EPDM	7400.145E/145E	9630054831
		FPM	FPM	7400.145V/145V	9630091324
		PTFE	PTFE	7400.145P/145P	
		PTFE	NBR	7400.145P/145N	
		PTFE	EPDM	7400.145P/145E	
		PTFE	FPM	7400.145P/145V	
Tungsten Carbide / Tungsten Carbide	Stainless Steel / Carbon	NBR	NBR	7400.175N/105N	9630039760
		EPDM	EPDM	7400.175E/105E	9630040624
		FPM	FPM	7400.175V/105V	9630020927
		PTFE	PTFE	7400.175P/105P	9630045112
		PTFE	NBR	7400.175P/105N	
		PTFE	EPDM	7400.175P/105E	
		PTFE	FPM	7400.175P/105V	9630045614
Tungsten Carbide / Tungsten Carbide	Tungsten Carbide / Tungsten Carbide	NBR	NBR	7400.175N/175N	
		EPDM	EPDM	7400.175E/175E	9630061989
		FPM	FPM	7400.175V/175V	9630048424
		PTFE	PTFE	7400.175P/175P	9630065194
		PTFE	NBR	7400.175P/175N	
		PTFE	EPDM	7400.175P/175E	
		PTFE	FPM	7400.175P/175V	
Silicon Carbide / Silicon Carbide	Stainless Steel / Carbon	NBR	NBR	7400.205N/105N	
		EPDM	EPDM	7400.205E/105E	9630050392
		FPM	FPM	7400.205V/105V	
		PTFE	PTFE	7400.205P/105P	
		PTFE	NBR	7400.205P/105N	
		PTFE	EPDM	7400.205P/105E	
		PTFE	FPM	7400.205P/105V	
Silicon Carbide / Silicon Carbide	Silicon Carbide / Silicon Carbide	NBR	NBR	7400.205N/205N	
		EPDM	EPDM	7400.205E/205E	9630096517
		FPM	FPM	7400.205V/205V	9630097136
		PTFE	PTFE	7400.205P/205P	9630051629
		PTFE	NBR	7400.205P/205N	
		PTFE	EPDM	7400.205P/205E	
		PTFE	FPM	7400.205P/205V	
Note: Above are listed the most common seal ring / 'O' ring combinations - for other combinations see p.49.					
Description		Drg No.	Qty	SRU5	
				Part No.	Item No.
Gasket		75	2	5198.103	9630031077
Housing, BSPT		79	2	5265.328A	9630040950
Housing, NPT				5265.328B	9630046650
Stud		-	4	6350.107	9630028904
Nut, Stud		-	4	5330.000	9630024051

R90 Double Mechanical Seals (Complete) - SRU6 Pump Models					
2 seals per pump. It is recommended to replace both sets of seals when wear dictates seal replacement.					
Inboard Seal	Outboard Seal	Inboard Seal 'O' Ring	Outboard Seal 'O' Ring	SRU6	
Rotary Seal / Stationary Seal Ring	Rotary Seal / Stationary Seal Ring			Part No.	Item No.
Stainless Steel / Carbon	Stainless Steel / Carbon	NBR	NBR	7400.106N/106N	9630022646
		EPDM	EPDM	7400.106E/106E	9630039516
		FPM	FPM	7400.106V/106V	
		PTFE	PTFE	7400.106P/106P	
		PTFE	NBR	7400.P106P/106N	
		PTFE	EPDM	7400.P106P/106E	
		PTFE	FPM	7400.P106P/106V	
Stainless Steel / Inserted Carbon	Stainless Steel / Inserted Carbon	NBR	NBR	7400.146N/146N	9630026239
		EPDM	EPDM	7400.146E/146E	9630026239
		FPM	FPM	7400.146V/146V	
		PTFE	PTFE	7400.146P/146P	
		PTFE	NBR	7400.P146P/146N	
		PTFE	EPDM	7400.P146P/146E	
		PTFE	FPM	7400.P146P/146V	
Tungsten Carbide / Tungsten Carbide	Stainless Steel / Carbon	NBR	NBR	7400.P176N/106N	9630030293
		EPDM	EPDM	7400.P176E/106E	9630030215
		FPM	FPM	7400.P176V/106V	9630039743
		PTFE	PTFE	7400.P176P/106P	9630039742
		PTFE	NBR	7400.P176P/106N	9630041470
		PTFE	EPDM	7400.P176P/106E	
		PTFE	FPM	7400.P176P/106V	
Tungsten Carbide / Tungsten Carbide	Tungsten Carbide / Tungsten Carbide	NBR	NBR	7400.176N/176N	9630039523
		EPDM	EPDM	7400.176E/176E	9630061932
		FPM	FPM	7400.176V/176V	9630052953
		PTFE	PTFE	7400.176P/176P	9630100941
		PTFE	NBR	7400.P176P/176N	9630100941
		PTFE	EPDM	7400.P176P/176E	
		PTFE	FPM	7400.P176P/176V	
Silicon Carbide / Silicon Carbide	Stainless Steel / Carbon	NBR	NBR	7400.P206N/106N	9630064992
		EPDM	EPDM	7400.P206E/106E	
		FPM	FPM	7400.P206V/106V	
		PTFE	PTFE	7400.P206P/106P	
		PTFE	NBR	7400.P206P/106N	
		PTFE	EPDM	7400.P206P/106E	
		PTFE	FPM	7400.P206P/106V	
Silicon Carbide / Silicon Carbide	Silicon Carbide / Silicon Carbide	NBR	NBR	7400.206N/206N	9630097671
		EPDM	EPDM	7400.206E/206E	
		FPM	FPM	7400.206V/206V	
		PTFE	PTFE	7400.206P/206P	
		PTFE	NBR	7400.P206P/206N	
		PTFE	EPDM	7400.P206P/206E	
		PTFE	FPM	7400.P206P/206V	
Note: Above are listed the most common seal ring / 'O' ring combinations - for other combinations see p.49. Note: For SRU6 seals where inboard and outboard seals are different, then there is an additional "P" in the part number to distinguish between SRU6 seals and A7-0550 (AP550) and G7-0550 (GP550) seals					
Description		Drg No.	Qty	SRU6	
				Part No.	Item No.
Gasket		75	2	5198.104	9630030911
Housing, BSPT		79	2	5265.329A	9630028630
Housing, NPT				5265.329B	9630047130
Screw		-	4	5990.004	9630024589

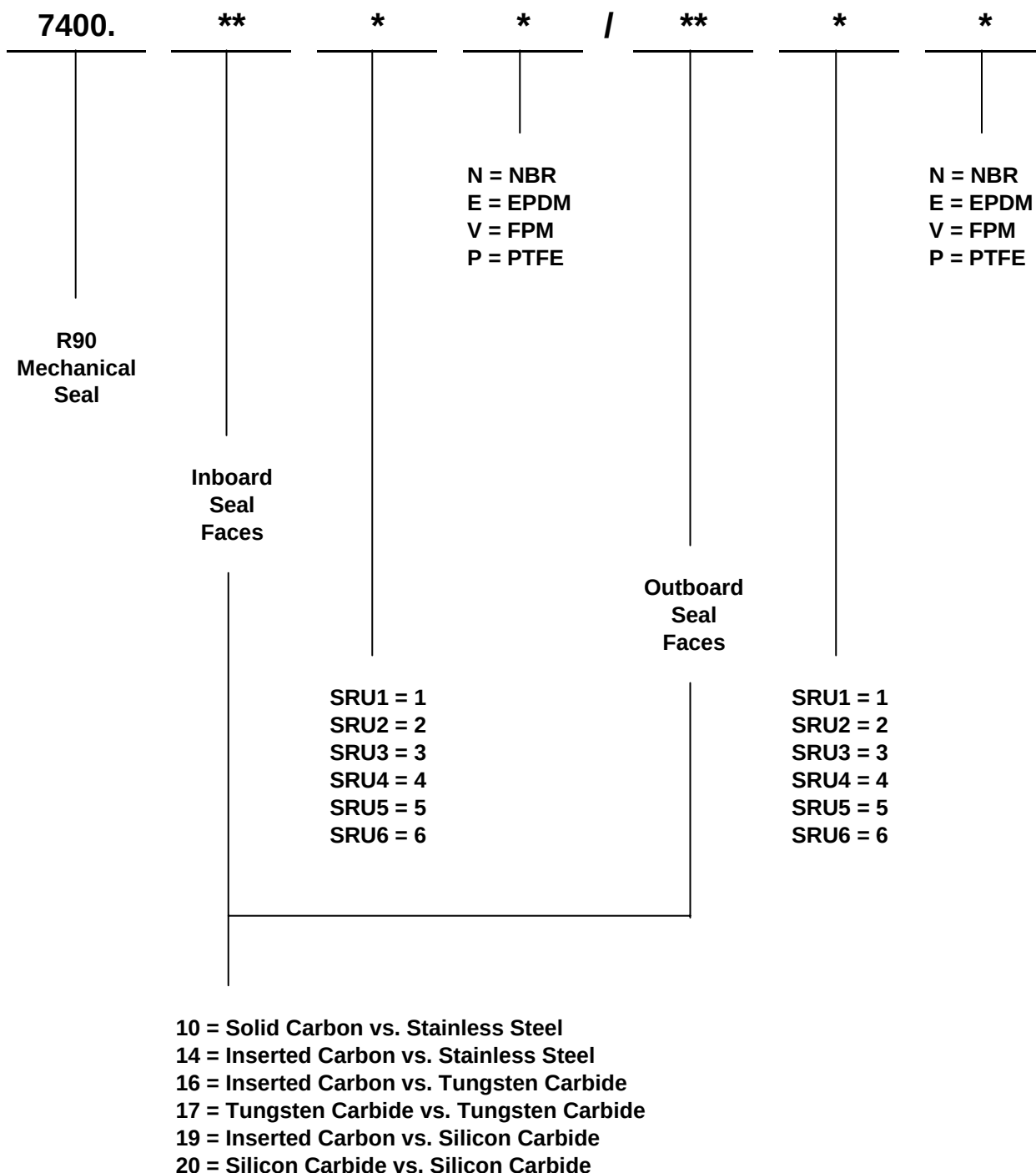


R90 Double Mechanical Seals (Complete - Part Numbering)

The table below shows how to create the complete seal part number.

Example: 7400.174V/144V

Double R90 seal with Tungsten Carbide vs. Tungsten Carbide faces inboard with FPM product wetted O' rings and Inserted Carbon vs. Stainless Steel outboard faces with FPM flush wetted 'O' rings for SRU4 pump model.



R90 Double Mechanical Seals (Parts) - SRU1 and SRU2 Pump Models							
Drg No.	Description	Material	Qty	SRU1		SRU2	
				Part No	Item No	Part No	Item No
71	Stationary Seal Ring 'O' Ring	NBR	4	5380.214	9630028449	5380.222	9630027299
		EPDM		5380.218	9630027782	5380.226	9630028377
		FPM		5380.216	9630028447	5380.224	9630028379
		PTFE		5380.220	9630019763	5380.228	9630028374
72	Stationary Seal Ring (inboard and outboard)	Solid Carbon	4	R5630.066	9630026215	R5630.067	9630026164
		Inserted Carbon		R5630.060	9630025257	R5630.061	9630025258
		Tungsten Carbide		R5630.072	9630029728	R5630.073	9630026168
		Silicon Carbide		R5630.078	9630026003	R5630.079	9630044552
73	Rotary Seal Ring 'O' Ring	NBR	4	5380.213	9630028460	5380.221	9630027301
		EPDM		5380.217	9630028446	5380.225	9630028378
		FPM		5380.215	9630028448	5380.223	9630028380
		PTFE		5380.219	9630028382	5380.227	9630028375
74A	Rotary Seal Assembly (inboard)	Stainless Steel	2	R7400.121	9630030218	R5610.080	9630025252
		Tungsten Carbide		R7400.131	9630026464	R5610.086	9630026209
		Silicon Carbide		R7400.181	9630027025	R5610.092	9630044551
74B	Rotary Seal Assembly (outboard)	Stainless Steel	2	R5610.079	9630025251	R7400.122	9630030219
		Tungsten Carbide		R5610.085	9630030106	R7400.132	9630026570
		Silicon Carbide		R5610.091	9630027018	R7400.182	9630027024
Note: SRU1 pump - Rotary Seal Assembly Inboard (74A) comprises of rotary seal ring, wave spring (99), washer (98), drive ring (100) and grub screw (78). Rotary Seal Assembly Outboard (74B) comprises of rotary seal ring, wave spring (99) and washer (98). SRU2 pump - Rotary Seal Assembly Inboard (74A) comprises of rotary seal ring, wave spring (99) and washer (98) . Rotary Seal Assembly Outboard (74B) comprises of rotary seal ring, wave spring (99), washer (98) grub screw (78) and drive ring (100).							
78	Grub Screw		6	6010.013	9630030299	6010.013	9630030299
98	Washer		4	R6400.061	9630045430	R6400.062	9630045431
99	Wave Spring (see note 1)		4	R6300.031	9630026769	R6300.032	9630026770
100	Drive Ring		2	R5620.041	9630064227	R5620.042	9630064228

Note 1. If PTFE 'O' Rings are fitted it is necessary to use double wave springs for inboard seal only i.e. Qty 6.

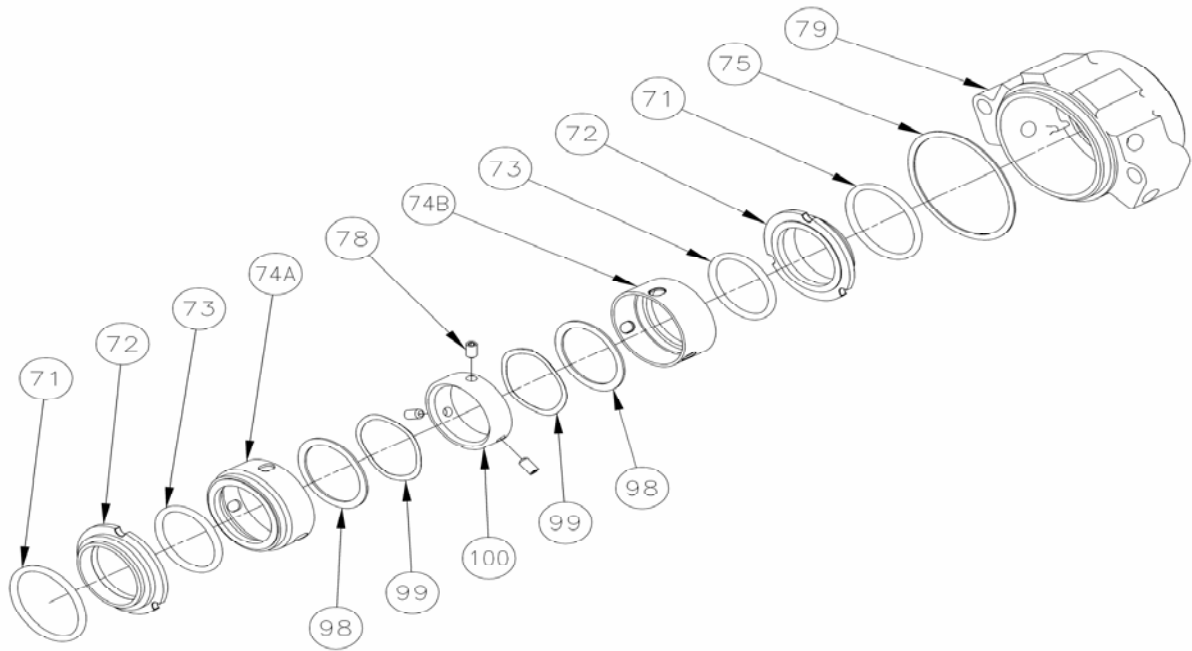
R90 Double Mechanical Seals (Parts) - SRU3 and SRU4 Pump Models							
Drg No.	Description	Material	Qty	SRU3		SRU4	
				Part No	Item No	Part No	Item No
71	Stationary Seal Ring 'O' Ring	NBR	4	5380.230	9630028368	5380.238	9630028260
		EPDM		5380.234	9630028321	5380.242	9630025642
		FPM		5380.232	9630028357	5380.240	9630027472
		PTFE		5380.236	9630028266	5380.244	9630026096
72	Stationary Seal Ring (inboard or outboard)	Solid Carbon	4	R5630.068	9630026163	R5630.069	9630017815
		Inserted Carbon		R5630.062	9630026162	R5630.063	9630035092
		Tungsten Carbide		R5630.074	9630017810	R5630.075	9630026167
		Silicon Carbide		R5630.080	9630027021	R5630.081	9630027020
73	Rotary Seal Ring 'O' Ring	NBR	4	5380.149	9630024280	5380.237	9630028263
		EPDM		5380.093	9630024206	5380.241	9630025646
		FPM		5380.101	9630024214	5380.239	9630021115
		PTFE		5380.123	9630024254	5380.243	9630026094
74A	Rotary Seal Assembly (inboard)	Stainless Steel	2	R5610.081	9630026160	R5610.082	9630025253
		Tungsten Carbide		R5610.087	9630025255	R5610.088	9630026217
		Silicon Carbide		R5610.093	9630027017	R5610.094	9630027016
74B	Rotary Seal Assembly (outboard)	Stainless Steel	2	R7400.123	9630026877	R7400.124	9630026882
		Tungsten Carbide		R7400.133	9630026569	R7400.134	9630026585
		Silicon Carbide		R7400.183	9630027023	R7400.184	9630045909
Note: Rotary Seal Assembly Inboard (74A) comprises of rotary seal ring, wave spring (99) and washer (98) . Rotary Seal Assembly Outboard (74B) comprises of rotary seal ring, wave spring (99), washer (98) grub screw (78) and drive ring (100).							
78	Grub Screw		6	6010.013	9630030299	6010.015	9630028475
98	Washer		4	R6400.063	9630045432	R6400.064	9630045433
99	Wave Spring (see note 1)		4	R6300.033	9630022957	R6300.034	9630026228
100	Drive Ring		2	R5620.043	9630064229	R5620.044	9630064230

Note 1. If PTFE 'O' Rings are fitted it is necessary to use double wave springs for inboard seal only i.e. Qty 6.

R90 Double Mechanical Seals (Parts) - SRU5 and SRU6 Pump Models							
Drg No.	Description	Material	Qty	SRU5		SRU6	
				Part No	Item No	Part No	Item No
71	Stationary Seal Ring 'O' Ring	NBR	4	5380.246	9630025417	5380.254	9630027486
		EPDM		5380.250	9630025437	5380.258	9630029893
		FPM		5380.248	9630025398	5380.256	9630029897
		PTFE		5380.252	9630025846	5380.260	9630029885
72	Stationary Seal Ring (inboard or outboard)	Solid Carbon	4	R5630.070	9630026196	R5630.071	9630029729
		Inserted Carbon		R5630.064	9630026207	R5630.065	9630026165
		Tungsten Carbide		R5630.076	9630026219	R5630.077	9630026193
		Silicon Carbide		R5630.082	9630044328	R5630.083	9630027019
73	Rotary Seal Ring 'O' Ring	NBR	4	5380.245	9630026648	5380.253	9630026625
		EPDM		5380.249	9630025314	5380.257	9630029896
		FPM		5380.247	9630025438	5380.255	9630026693
		PTFE		5380.251	9630026704	5380.259	9630029889
74A	Rotary Seal Assembly (inboard)	Stainless Steel	2	R5610.083	9630026210	R5610.084	9630025254
		Tungsten Carbide		R5610.089	9630025256	R5610.090	9630026166
		Silicon Carbide		R5610.095	9630026651	R5610.096	9630026650
74B	Rotary Seal Assembly (outboard)	Stainless Steel	2	R7400.125	9630026172	R7400.126	9630026449
		Tungsten Carbide		R7400.135	9630026584	R7400.136	9630022294
		Silicon Carbide		R7400.185	9630027022	R7400.186	9630046520
Note: Rotary Seal Assembly Inboard (74A) comprises of rotary seal ring, wave spring (99) and washer (98) . Rotary Seal Assembly Outboard (74B) comprises of rotary seal ring, wave spring (99), washer (98) grub screw (78) and drive ring (100).							
78	Grub Screw		6	6010.014	9630030300	6010.018	9630026071
98	Washer		4	R6400.065	9630045434	R6400.066	9630045435
99	Wave Spring (see note 1)		4	R6300.035	9630026208	-	-
	Coil Spring		24	-	-	R6300.036	9630026227
100	Drive Ring		2	R5620.045	9630064231	R5620.046	9630058823

Note 1. If PTFE 'O' Rings are fitted it is necessary to use double wave springs for inboard seal only i.e. Qty 6.

R90 Double Mechanical Seal - Exploded View Drawing



Hyclean Single Mechanical Seals (Complete) - SRU1 and SRU2 Pump Models						
2 seals per pump. It is recommended to replace both sets of seals when wear dictates seal replacement						
Rotary Seal / Stationary Seal Ring	'O' Rings	SRU1		SRU2		
		Part No.	Item No.	Part No.	Item No.	
Stainless Steel / Carbon	NBR	7600.101N	9630070142	7600.102N	9630046729	
	EPDM	7600.101E	9630053608	7600.102E	9630046731	
	FPM	7600.101V	9630060999	7600.102V	9630046730	
Silicon Carbide / Carbon	NBR	7600.181N	9630090687	7600.182N	9630046745	
	EPDM	7600.181E	9630090686	7600.182E	9630046747	
	FPM	7600.181V	9630057357	7600.182V	9630046746	
Silicon Carbide / Silicon Carbide	NBR	7600.201N	9630090685	7600.202N	9630046758	
	EPDM	7600.201E	9630053609	7600.202E	9630046760	
	FPM	7600.201V	9630065312	7600.202V	9630046759	
Description	Qty	SRU1		SRU2		
		Part No.	Item No.	Part No.	Item No.	
Retaining Clip	4	5087.054	9630050761	31494.5087.052	9630042394	
Screw, Retaining Clip	4	5990.067	9630027365	5990.067	9630027365	
Additional parts to convert pump fitted with above Hyclean seals to single flushed seals						
Description	Drawing	Qty	SRU1		SRU2	
	Item No.		Part No.	Item No.	Part No.	Item No.
Conversion kit - BSPT	-	1	4010.341A	9630091231	4010.342A	9630091233
Conversion kit - NPT	-		4010.341B	9630091232	4010.342B	9630091234
Conversion kits comprising of:-						
Housing, BSPT	79	2	5265.423A	9630054246	5265.388A	9630034722
Housing, NPT			5265.423B	9630054248	5265.388B	9630041956
'O' Ring (FPM)	87	2	5380.273	9630027378	1551.138	9630037158
Lip Seal (FPM)	88	2	5310.114	9630054231	5310.107	9630043050
Screw, Housing	-	4	5990.012	9630024603	5990.011	9630024601

Note: Retaining clip and screw not required for flushed seals.

Hyclean Single Mechanical Seals (Complete) - SRU3 and SRU4 Pump Models						
2 seals per pump. It is recommended to replace both sets of seals when wear dictates seal replacement						
Rotary Seal / Stationary Seal Ring	'O' Rings	SRU3		SRU4		
		Part No.	Item No.	Part No.	Item No.	
Stainless Steel / Carbon	NBR	7600.103N	9630046733	7600.104N	9630046737	
	EPDM	7600.103E	9630046735	7600.104E	9630046741	
	FPM	7600.103V	9630046734	7600.104V	9630046740	
Silicon Carbide / Carbon	NBR	7600.183N	9630046749	7600.184N	9630046752	
	EPDM	7600.183E	9630046751	7600.184E	9630046754	
	FPM	7600.183V	9630046750	7600.184V	9630046753	
Silicon Carbide / Silicon Carbide	NBR	7600.203N	9630046761	7600.204N	9630046765	
	EPDM	7600.203E	9630046763	7600.204E	9630046767	
	FPM	7600.203V	9630046762	7600.204V	9630046766	
Description	Qty	SRU3		SRU4		
		Part No.	Item No.	Part No.	Item No.	
Retaining Clip	4	31495.5087.053	9630042396	31495.5087.053	9630042396	
Screw, Retaining Clip	4	5990.064	9630042399	5990.064	9630042399	
Additional parts to convert pump fitted with above Hyclean seals to single flushed seals						
Description	Drawing Item No.	Qty	SRU3		SRU4	
			Part No.	Item No.	Part No.	Item No.
Conversion kit - BSPT	-	1	4010.343A	9630091235	4010.344A	9630091237
Conversion kit - NPT	-		4010.343B	9630091236	4010.344B	9630091238
Conversion kits comprising of:-						
Housing, BSPT	79	2	5265.389A	9630042563	5265.390A	9630029496
Housing, NPT			5265.389B	9630042326	5265.390B	9630042327
'O' Ring (FPM)	87	2	5380.399	9630043058	5380.403	9630043060
Lip Seal (FPM)	88	2	5310.027	9630024046	5310.109	9630043052
Screw, Housing	-	4	5990.066	9630028936	5990.066	9630028936

Note: Retaining clip and screw not required for flushed seals.

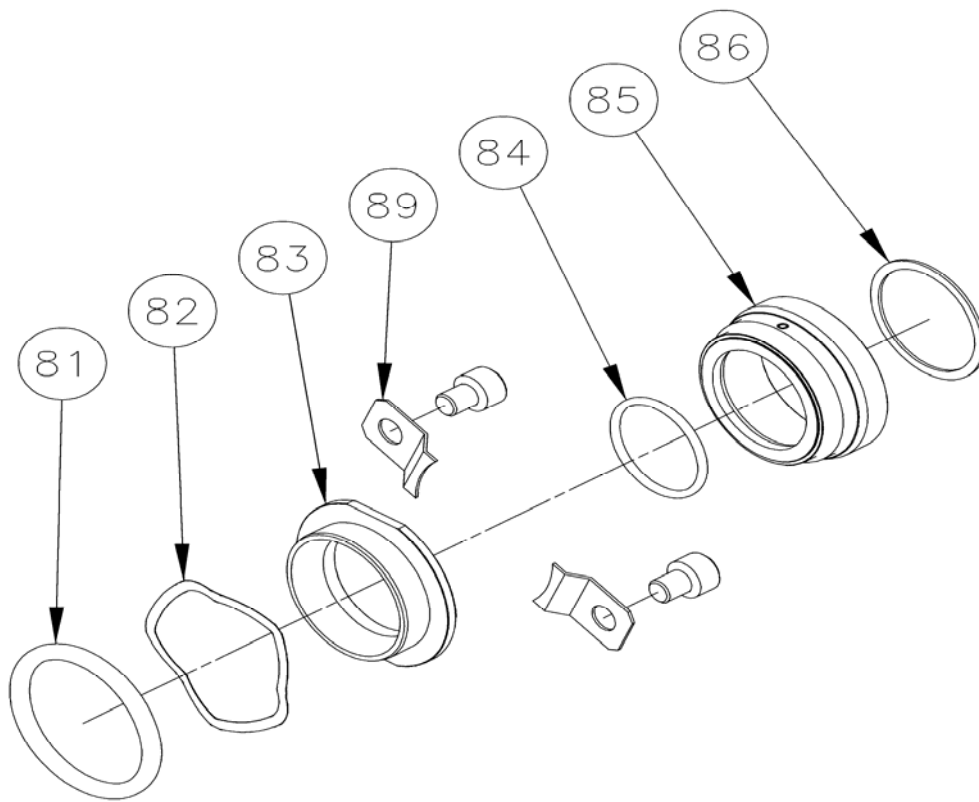
Hyclean Single Mechanical Seals (Complete) - SRU5 and SRU6 Pump Models						
2 seals per pump. It is recommended to replace both sets of seals when wear dictates seal replacement						
Rotary Seal / Stationary Seal Ring	'O' Rings	SRU5		SRU6		
		Part No.	Item No.	Part No.	Item No.	
Stainless Steel / Carbon	NBR	7600.105N	9630046738	7600.106N	9630053215	
	EPDM	7600.105E	9630046744	7600.106E	9630041719	
	FPM	7600.105V	9630046743	7600.106V	9630030780	
Silicon Carbide / Carbon	NBR	7600.185N	9630046755	7600.186N	9630090689	
	EPDM	7600.185E	9630046757	7600.186E	9630041729	
	FPM	7600.185V	9630046756	7600.186V	9630057267	
Silicon Carbide / Silicon Carbide	NBR	7600.205N	9630046769	7600.206N	9630060539	
	EPDM	7600.205E	9630046771	7600.206E	9630041720	
	FPM	7600.205V	9630046770	7600.206V	9630049360	
Description	Qty	SRU5		SRU6		
		Part No.	Item No.	Part No.	Item No.	
Retaining Clip	4	31495.5087.053	9630042396	31495.5087.053	9630042396	
Screw, Retaining Clip	4	5990.064	9630042399	5990.064	9630042399	
Additional parts to convert pump fitted with above Hyclean seals to single flushed seals						
Description	Drawing Item No.	Qty	SRU5		SRU6	
			Part No.	Item No.	Part No.	Item No.
Conversion kit - BSPT	-	1	4010.345A	9630091239	4010.346A	9630091241
Conversion kit - NPT	-		4010.345B	9630091240	4010.346B	9630091242
Conversion kits comprising of:-						
Housing, BSPT	79	2	5265.391A	9630042118	5265.411A	9630050398
Housing, NPT			5265.391B	9630042121	5265.411B	9630049929
'O' Ring (FPM)	87	2	5380.407	9630043063	5380.292	9630031929
Lip Seal (FPM)	88	2	5310.052	9630028335	5310.068	9630032804
Screw, Housing	-	4	5990.034	9630024635	-	-
Stud	-	4	-	-	6350.105	9630027485
Nut	-	4	-	-	5330.000	9630024051
Washer	-	4	-	-	6400.037	9630024233

Note: Retaining clip and screw not required for flushed seals.

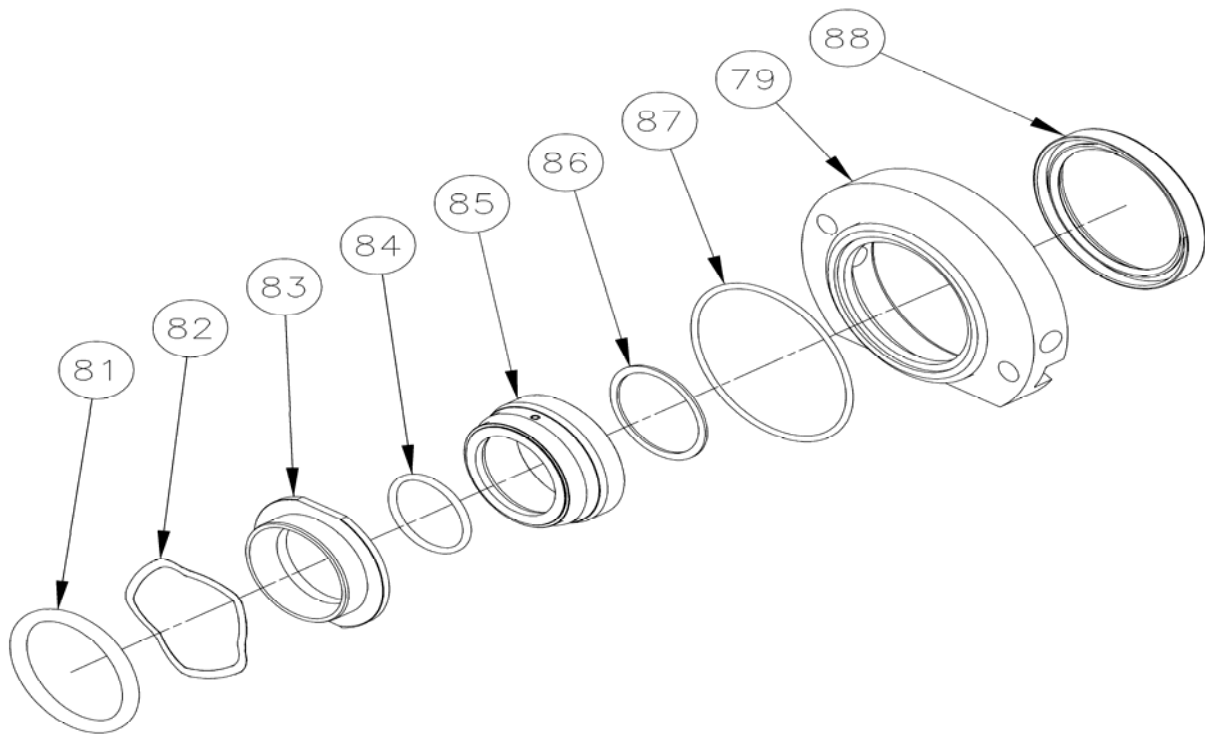
Hyclean Single Mechanical Seals (Parts) - SRU Pump Models							
Drg No.	Description	Material	Qty	SRU1		SRU2	
				Part No	Item No	Part No	Item No
81	Rotorcase 'O' Ring	NBR EPDM FPM	2	1550.320	9630050800	31494.5001.1	9630042759
				1555.320	9630050799	31494.5001.5	9630042761
				1551.320	9630050801	31494.5001.2	9630042760
82	Wave Spring		2	R6300.039	9630050798	31494.0508.1	9630042767
83	Stationary Seal Ring	Solid Carbon Silicon Carbide Inserted Sil.Car.	2	R5630.092	9630031237	31494.0501.2	9630029349
				R5630.093	9630023183	31494.0501.3	9630029474
				-	-	31494.0501.9	9630057066
84	Shaft 'O' Ring	NBR EPDM FPM	2	1550.114	9630023345	1550.121	9630019400
				1555.114	9630023526	1555.121	9630025331
				1551.114	9630023406	1551.121	9630019399
85	Rotary Seal Ring	Stainless Steel Silicon Carbide	2	R5610.101	9630031240	31494.0506.1	9630042757
				R5610.102	9630031241	31494.0506.3	9630042758
86	Washer	NBR FPM	2	6400.086	9630050796	6400.069	9630046535
				6400.087	9630050797	6400.073	9630046695
Drg No.	Description	Material	Qty	SRU3		SRU4	
				Part No	Item No	Part No	Item No
81	Rotorcase 'O' Ring	NBR EPDM FPM	2	31495.5001.1	9630042771	31496.5001.1	9630042786
				31495.5001.5	9630042773	31496.5001.5	9630042788
				31495.5001.2	9630042772	31496.5001.2	9630042787
82	Wave Spring		2	31495.0508.1	9630042780	31496.0508.1	9630042794
83	Stationary Seal Ring	Solid Carbon Silicon Carbide Inserted Sil.Car.	2	31495.0501.2	9630037760	31496.0501.2	9630025796
				31495.0501.3	9630042768	31496.0501.3	9630042783
				31495.0501.9	9630056418	31496.0501.9	9630052311
84	Shaft 'O' Ring	NBR EPDM FPM	2	1550.124	9630046505	1550.131	9630023353
				1555.124	9630046509	1555.131	9630023531
				1551.124	9630046508	1551.131	9630023418
85	Rotary Seal Ring	Stainless Steel Silicon Carbide	2	31495.0506.1	9630042769	31496.0506.1	9630042784
				31495.0506.3	9630042770	31496.0506.3	9630042785
86	Washer	NBR FPM	2	6400.070	9630046536	6400.071	9630046537
				6400.074	9630046696	6400.075	9630046697
Drg No.	Description	Material	Qty	SRU5		SRU6	
				Part No	Item No	Part No	Item No
81	Rotorcase 'O' Ring	NBR EPDM FPM	2	31497.5001.1	9630042799	1550.339	9630048174
				31497.5001.5	9630042801	1555.339	9630030198
				31497.5001.2	9630042800	1551.339	9630048175
82	Wave Spring		2	31497.0508.1	9630042807	31498.0508.1	9630048005
83	Stationary Seal Ring	Solid Carbon Silicon Carbide Inserted Sil.Car.	2	31497.0501.2	9630039819	31498.0501.2	9630047980
				31497.0501.3	9630042795	-	-
				31497.0501.9	9630052312	31498.0501.3	9630048002
84	Shaft 'O' Ring	NBR EPDM FPM	2	1550.137	9630046511	5380.246	9630025417
				1555.137	9630046514	5380.250	9630025437
				1551.137	9630046513	5380.248	9630025398
85	Rotary Seal Ring	Stainless Steel Silicon Carbide	2	31497.0506.1	9630042797	31498.0506.1	9630048004
				31497.0506.3	9630042798	31498.0506.3	9630048003
86	Washer	NBR FPM	2	6400.072	9630046538	6400.079	9630048006
				6400.076	9630046698	6400.080	9630048007



Hyclean Mechanical Seal - Exploded View Drawing



Hyclean Flushed Mechanical Seal - Exploded View Drawing



Packed Gland Seals - Pump Models SRU1 to SRU4

All SRU pumps are fitted with 10 packing rings (i.e.5 per shaft) except SRU1, which has 8 packing rings (i.e. 4 per shaft). If a lantern ring is fitted, this replaces 1 packing ring on each shaft.

Drg No.	Description	Qty	SRU1		SRU2		
			Part No	Item No	Part No	Item No	
1	Shaft Sleeve 'O' Ring	2	NBR	5380.316	9630034652	5380.052	9630024180
			EPDM	5380.416	9630043405	5380.417	9630043406
			FPM	5380.319	9630034859	5380.053	9630024181
			PTFE	5380.320	9630034860	5380.283	9630031603
2	Shaft Sleeve	2	St. Stl.	6200.220	9630030335	6200.204	9630032656
			Hardened	6200.168	9630034852	6200.169	9630031521
3	Spacer	2		5670.080	9630034857	5670.081	9630031533
4	Gland Packing	10	Polyamide	5240.061	9630034863	5240.062	9630025189
			PTFE	5240.071	9630034864	5240.072	9630021041
5	Lantern Ring (if fitted)	2		5650.024	9630034869	5650.019	9630031639
6	Gasket	1		5198.201	9630062179	-	-
		2		-	-	5198.100	9630031523
7	Housing	2	Unflushed	5235.014	9630034843	5235.016	9630031527
			Flush BSPT	5235.014AA	9630101726	5235.016A	9630031529
			Flush NPT	5335.014BA	9630101727	5335.016B	9630032351
8	Gland Follower	2		5230.070	9630033379	5230.053	9630031525
9	Slinger	2		5665.029	9630034858	5665.023	9630031784
10	Screw	6		6010.011	9630024658	6010.019	9630026007
	Nut	4		5330.036	9630058700	5330.035	9630058699
	Stud	4		6350.115	9630034862	6350.103	9630027364

Drg No.	Description	Qty	SRU3		SRU4		
			Part No	Item No	Part No	Item No	
1	Shaft Sleeve 'O' Ring	2	NBR	5380.021	9630024120	5380.030	9630024129
			EPDM	5380.415	9630043403	5380.410	9630043109
			FPM	5380.019	9630024118	5380.275	9630026743
			PTFE	5380.284	9630031604	5380.285	9630031605
2	Shaft Sleeve	2	St. Stl.	6200.212	9630033149	6200.239	9630041933
			Hardened	6200.213	9630033145	6200.171	9630031339
3	Spacer	2		5670.082	9630031469	5670.083	9630031353
4	Gland Packing	10	Polyamide	5240.063	9630025390	5240.064	9630025439
			PTFE	5240.073	9630026753	5240.074	9630021042
5	Lantern Ring (if fitted)	2		5650.020	9630031640	5650.021	9630031641
6	Gasket	2		5198.101	9630021471	5198.102	9630031351
7	Housing	2	Unflushed	5235.018	9630031463	5235.020	9630031343
			Flush BSPT	5235.018A	9630031465	5235.020A	9630031345
			Flush NPT	5335.018B	9630032353	5335.020B	9630023254
8	Gland Follower	2		5230.054	9630031467	-	-
8a	Split Gland Follower	4		-	-	5230.080	9630051586
8b	Split Gland Follower Plate	4		-	-	5230.087	9630051619
8c	Screw, Split Gland Follower	4		-	-	5990.061	9630040714
9	Slinger	2		5665.024	9630031797	5665.025	9630031798
10	Screw	2		6010.019	9630026007	6010.019	9630026007
	Nut	4		5330.035	9630058699	5330.033	9630025350
	Stud	4		6350.144	9630058750	6350.125	9630042574



Packed Gland Seals - Pump Models SRU5 and SRU6

All SRU pumps are fitted with 10 packing rings (i.e.5 per shaft) except SRU1, which has 8 packing rings (i.e. 4 per shaft). If a lantern ring is fitted, this replaces 1 packing ring on each shaft.

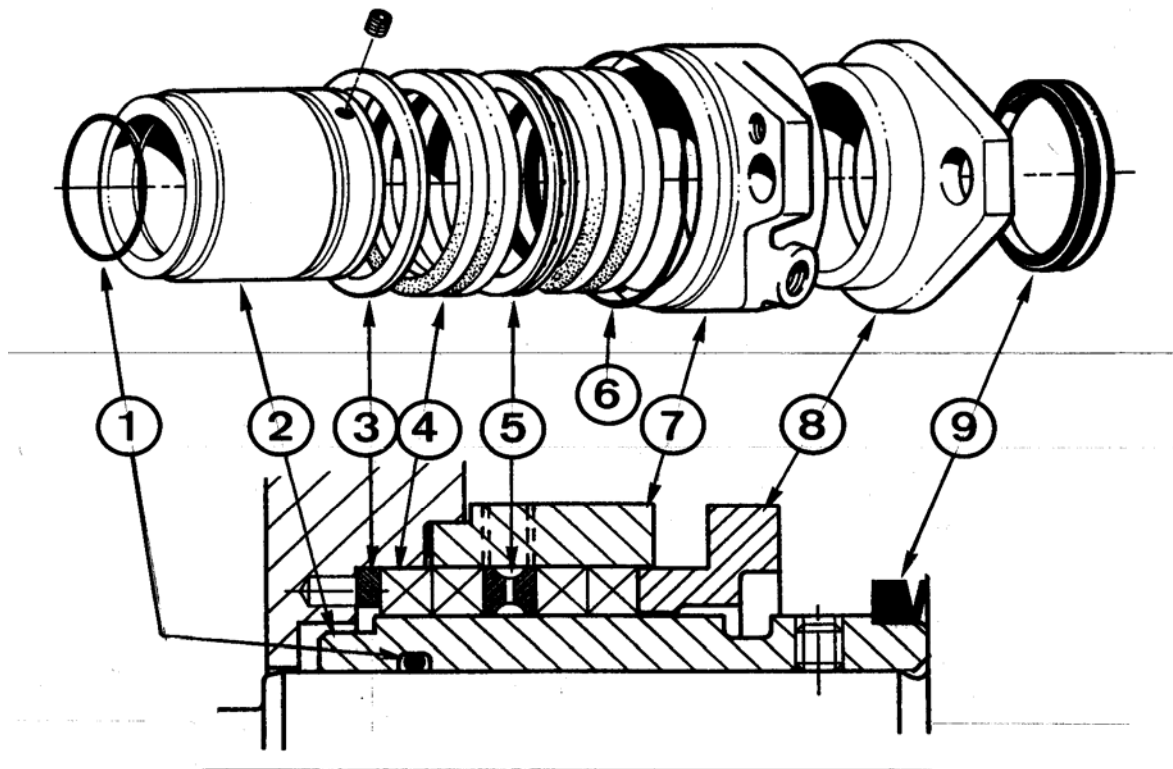
Drg No.	Description	Qty	SRU5		SRU6		
			Part No	Item No	Part No	Item No	
1	Shaft Sleeve 'O' Ring	2					
			NBR	5380.076	9630024193	5380.136	9630024267
			EPDM	5380.198	9630025794	5380.134	9630024265
			FPM	5380.077	9630024194	5380.158	9630024289
			PTFE	5380.192	9630024367	5380.165	9630024337
2	Shaft Sleeve	2	6200.172	9630031081	6200.173	9630030928	
3	Spacer	2	5670.084	9630031087	5670.085	9630030926	
4	Gland Packing	10	Polyamide	5240.065	9630025915	5240.066	9630021037
			PTFE	5240.075	9630026564	5240.076	9630026406
5	Lantern Ring (if fitted)	2	5650.022	9630031642	5650.023	9630031643	
6	Gasket	2	5198.103	9630031077	5198.104	9630030911	
7	Housing	2	Unflushed	5235.022	9630031061	5235.024	9630030918
			Flush BSPT	5235.022A	9630031063	5235.024A	9630030936
			Flush NPT	5335.022B	9630032355	5335.024B	9630032356
8a	Split Gland Follower	4	5230.078	9630051180	5230.082	9630052130	
8b	Split Gland Follower Plate	4	5230.088	9630052140	5230.089	9630052134	
8c	Screw, Split Gland Follower	4	5990.061	9630040714	5990.074	9630051541	
9	Slinger	2	5665.027	9630031800	5665.028	9630031801	
10	Screw	6	6010.014	9630030300	6010.014	9630030300	
	Nut	4	5330.033	9630025350	5330.033	9630025350	
	Stud	4	6350.107	9630028904	6350.108	9630028906	



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Packed Gland Seal - Exploded View Drawing



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Pressure Relief Valve (Complete) - SRU Pump Models						
Complete assembly includes rotorcase cover. For elastomers required: N = NBR, E = EPDM, V = FPM and P = PTFE.						
Valve type	SRU1		SRU2		SRU3	
	Part No.	Item No.	Part No.	Item No.	Part No.	Item No.
Std pressure < 12 bar (SRU1) < 10 bar (2-3)	4083.001N	9630032548	4083.002N	9630032550	4083.003N	9630032551
	4083.001E	9630047160	4083.002E	9630027296	4083.003E	9630043291
	4083.001V	9630032549	4083.002V	9630033115	4083.003V	9630033119
	4083.001P	9630034307	4083.002P	9630034216	4083.003P	9630034567
High pressure > 12 bar (SRU1) > 10 bar (2-3)	4083.001N/HP	9630045539	4083.002N/HP	9630024964	4083.003N/HP	9630048177
	4083.001E/HP	9630047618	4083.002E/HP	9630024957	4083.003E/HP	9630045905
	4083.001V/HP	9630037687	4083.002V/HP	9630045997	4083.003V/HP	9630045609
	4083.001P/HP	9630047617	4083.002P/HP	9630024959	4083.003P/HP	9630048178
Std pressure < 12 bar (SRU1) < 10 bar (2-3) with lever lift	4083.101N	9630044546	4083.102N	9630045082	4083.103N	9630046971
	4083.101E	9630091243	4083.102E	9630046972	4083.103E	9630046973
	4083.101V	9630091244	4083.102V	9630059453	4083.103V	9630026838
	4083.101P	9630091245	4083.102P	9630091250	4083.103P	9630091255
High pressure > 12 bar (SRU1) > 10 bar (2-3) with lever lift	4083.101N/HP	9630091246	4083.102N/HP	9630091251	4083.103N/HP	9630091256
	4083.101E/HP	9630091247	4083.102E/HP	9630091252	4083.103E/HP	9630091257
	4083.101V/HP	9630091248	4083.102V/HP	9630091253	4083.103V/HP	9630091258
	4083.101P/HP	9630091249	4083.102P/HP	9630091254	4083.103P/HP	9630091259

Valve type	SRU4		SRU5	
	Part No.	Item No.	Part No.	Item No.
Std pressure < 10 bar	4083.004N	9630032552	4083.005N	9630032553
	4083.004E	9630039307	4083.005E	9630045541
	4083.004V	9630033120	4083.005V	9630033128
	4083.004P	9630034189	4083.005P	9630045590
High pressure > 10 bar	4083.004N/HP	9630033094	4083.005N/HP	9630047693
	4083.004E/HP	9630031450	4083.005E/HP	9630047692
	4083.004V/HP	9630037120	4083.005V/HP	9630029103
	4083.004P/HP	9630030615	4083.005P/HP	9630045543
Std pressure < 10 bar with lever lift	4083.104N	9630091260	4083.105N	9630091265
	4083.104E	9630046974	4083.105E	9630091266
	4083.104V	9630075494	4083.105V	9630047273
	4083.104P	9630042755	4083.105P	9630042284
High pressure > 10 bar with lever lift	4083.104N/HP	9630091261	4083.105N/HP	9630091267
	4083.104E/HP	9630091262	4083.105E/HP	9630091268
	4083.104V/HP	9630091263	4083.105V/HP	9630091269
	4083.104P/HP	9630091264	4083.105P/HP	9630091270

Valve type	SRU6 standard		SRU6 with lever lift	
	Part No.	Item No.	Part No.	Item No.
< 7 bar	4083.006N	9630032554	4083.106N	9630091272
	4083.006E	9630057151	4083.106E	9630055893
	4083.006V	9630033133	4083.106V	9630054329
	4083.006P	9630042269	4083.106P	9630042271
< 10 bar	4083.006N/ME	9630045542	4083.106N/ME	9630091273
	4083.006E/ME	9630025005	4083.106E/ME	9630091274
	4083.006V/ME	9630046886	4083.106V/ME	9630091275
	4083.006P/ME	9630022269	4083.106P/ME	9630091276
< 15 bar	4083.006N/HP	9630038272	4083.106N/HP	9630091277
	4083.006E/HP	9630058067	4083.106E/HP	9630091278
	4083.006V/HP	9630045807	4083.106V/HP	9630091279
	4083.006P/HP	9630048700	4083.106P/HP	9630091280
< 18 bar	4083.006N/HP1	9630049002	4083.106N/HP1	9630091281
	4083.006E/HP1	9630062101	4083.106E/HP1	9630091282
	4083.006V/HP1	9630036122	4083.106V/HP1	9630091283
	4083.006P/HP1	9630091271	4083.106P/HP1	9630091284

Pressure Relief Valve (Parts) - SRU1 to SRU5 Pump Models							
Drg No.	Description		Qty	SRU1-3		SRU4-5	
				Part No	Item No	Part No	Item No
1	Rotorcase cover	SRU1	1	5131.093	9630026292	-	-
		SRU2		5131.094	9630026902	-	-
		SRU3		5131.095	9630026356	-	-
		SRU4		-	-	5131.096	9630028799
		SRU5		-	-	5131.097	9630028797
2	Hydraulic Piston	SRU1	1	6130.035	9630047336	-	-
		SRU2		6130.036	9630047338	-	-
		SRU3		6130.037	9630047340	-	-
		SRU4		-	-	6130.038	9630047649
		SRU5		-	-	6130.039	9630047651
3	'O' Ring, Hydraulic Piston	NBR	1	5380.030	9630024129	5380.028	9630024127
		EPDM		5380.410	9630043109	5380.411	9630043110
		FPM		5380.275	9630027643	5380.035	9630024131
		PTFE		5380.285	9630031605	5380.303	9630032248
4	Valve Pin		1	5170.027	9630026075	5170.028	9630031806
5	Shim set	St. Stl.	1	6150.323	9630101745	6150.324	9630101746
6	Backstop disc		1	5135.009	9630027707	5135.010	9630031804
7	'O' Ring (NBR), Backstop disc		1	5380.269	9630027508	5380.291	9630031831
8/15	Bush		2	5060.015	9630047342	5060.016	9630047647
9	Screw, Backstop disc		4	5990.011	9630024601	5990.012	9630024603
10	Valve shaft	Standard for lever lift	1	6130.025	9630027738	6130.028	9630031808
				6130.034	9630042536	6130.033	9630042279
11	'O' Ring (NBR), Pneumatic piston		1	5380.267	9630027500	5380.289	9630031829
12	Pneumatic Piston		1	6130.027	9630026981	6130.031	9630031814
13	'O' Ring (NBR), Pneumatic piston		1	5380.268	9630027160	5380.290	9630031830
14	Circlip		1	5090.007	9630027978	5090.008	9630031833
16	Valve Guide	Standard For lever lift	1	5245.002	9630025565	5245.005	9630031816
				5245.014	9630042540	5245.012	9630042273
17	Valve Guide Pin		1	5245.004	9630027546	5245.007	9630031824
18	Spring, compression	< 10 bar	4	6290.017	9630029781	6290.021	9630033372
		> 10 bar		6290.023	9630034501	6290.024	9630034502
19	Screw, spring guide		4	5990.046	9630027692	5990.024	9630024621
20	Valve spring guide		4	5245.003	9630027785	5245.006	9630031818
21	Valve spring adjuster		1	5015.009	9630027770	5015.010	9630031820
22	Washer		1	-	-	6400.048	9630035232
23	Nut		1	5340.048	9630027975	5340.049	9630031834
24	Valve housing	Standard For lever lift	1	5267.023	9630027977	5267.024	9630031822
				5267.026	9630042538	5267.025	9630042277
25	Screw, valve housing	Standard For lever lift	1	5985.001	9630027694	5985.001	9630027694
			2	6000.009	9630045083	6000.001	9630024638
26	Screw, spring adjuster		4	5990.046	9630027692	5990.050	9630032120
-	Thrust washer		1	6400.055	9630042424	6400.055	9630042424
-	Nut	Lever lift only	1	5330.033	9630025350	5330.033	9630025350
-	Thrust washer adaptor		1	6400.054	9630042423	6400.054	9630042423
-	Lever sub-assembly		1	4083.023	9630045081	4083.022	9630042457

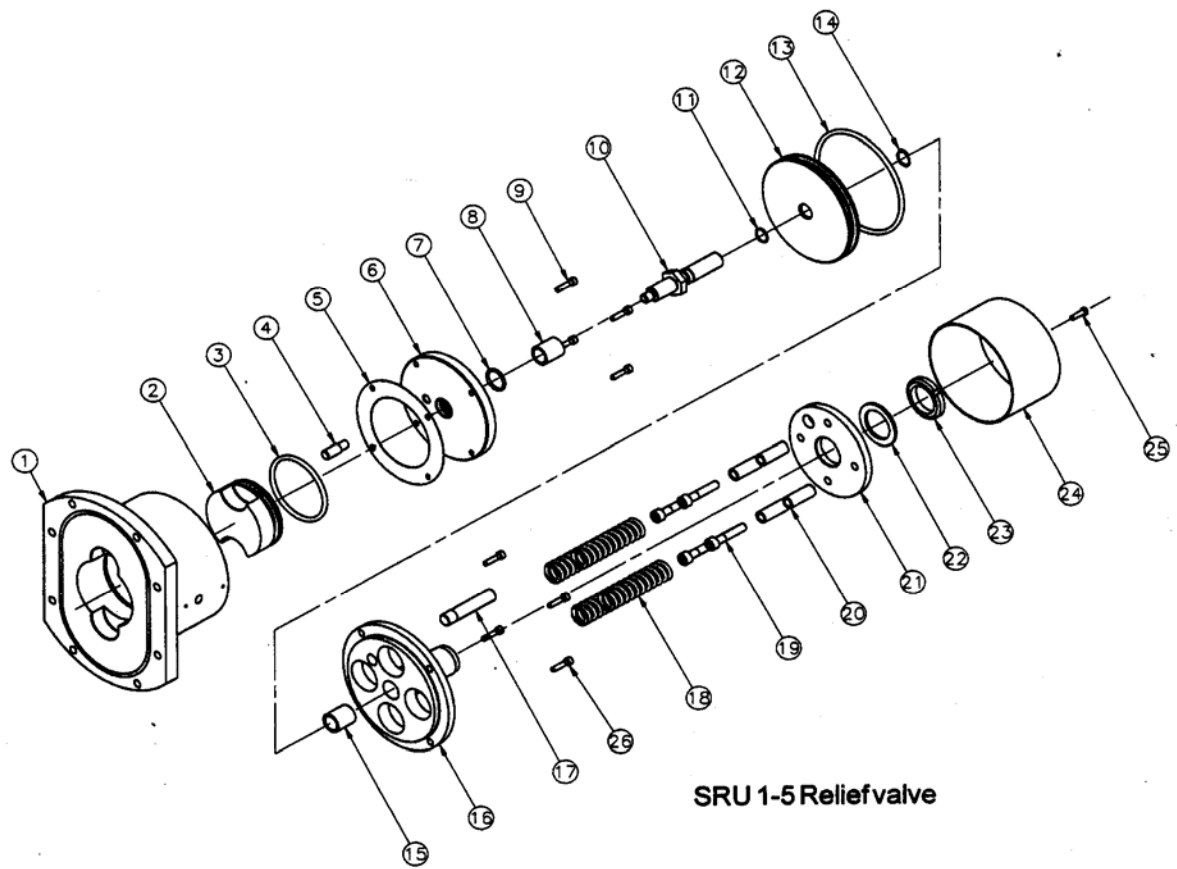
Pressure Relief Valve (Parts) - SRU6 Pump Models				
Drg No.	Description	Qty	SRU6	
			Part No	Item No
1	Rotorcase cover	1	5131.098	
2	Hydraulic Piston	1	6130.030	
3	'O' Ring, Hydraulic Piston	1	NBR	5380.288
			EPDM	9630028374
			FPM	5380.412
			PTFE	9630043111
4	Valve Pin	1	5380.301	9630032246
5	Shim set	1	5380.302	9630032247
6	Backstop disc	1	5170.028	9630031806
7	'O' Ring (NBR), Backstop disc	1	6150.324	9630101746
8/15	Bush	2	5135.010	9630031804
9	Screw, Backstop disc	4	5380.291	9630031831
10	Valve shaft	1	Standard	5060.011
			For lever lift	9630031823
11	'O' Ring (NBR), Pneumatic piston	1	5990.012	9630024603
12	Pneumatic Piston	1	6130.028	9630031808
13	'O' Ring (NBR), Pneumatic piston	1	6130.033	9630042279
14	Circlip	1	5380.289	9630031829
16	Valve Guide	1	Standard	6130.032
			For lever lift	9630034718
17	Valve Guide Pin	1	5380.290	9630031830
18	Spring, disc	< 7 bar	5090.008	9630031833
		< 10 bar	5245.009	9630034714
		< 15 bar	5245.013	9630042275
		< 18 bar	5245.007	9630031824
19	Nut, spring guide	4	6280.002	9630034726
20	Valve spring guide	4	5330.029	9630034725
21	Valve spring adjuster	1	5245.010	9630034716
22	Washer	12	5015.011	9630034712
23	Nut	1	6400.047	9630034727
24	Valve housing	Standard	5340.054	9630053244
		For lever lift	5267.024	9630031822
25	Screw, valve housing	Standard	5267.025	9630042277
		For lever lift	5985.001	9630027694
25a	Washer, valve housing screw	1	6000.001	9630024638
26	Screw, spring adjuster	8	6400.046	9630030121
	Thrust washer	1	5990.050	9630032120
	Nut	1	6400.055	9630042424
	Thrust washer adaptor	1	5330.033	9630025350
	Lever sub-assembly	1	6400.054	9630042423
			4083.022	9630042457

Note: For SRU6 Items 1 and 2 are only available as spare parts as part of complete assembly.

SRU6 Relief Valve Spring Arrangements				
	< 7 bar	< 10 bar	< 15 bar	< 18 bar
Springs arranged:	() () () ()	(()) (()) (()) (())	(((()) (((()) (((()) (((())	(((()) (((()) (((()) (((())
1 stack =	() 2 springs 18 stacks/set	(()) 4 springs 12 stacks/set	(((()) 6 springs 9 stacks/set	(((()) 6 springs 10 stacks/set
Qty sets each valve:	4	4	4	4
Total qty springs:	144	192	216	240



Pressure Relief Valve - Exploded View Drawing

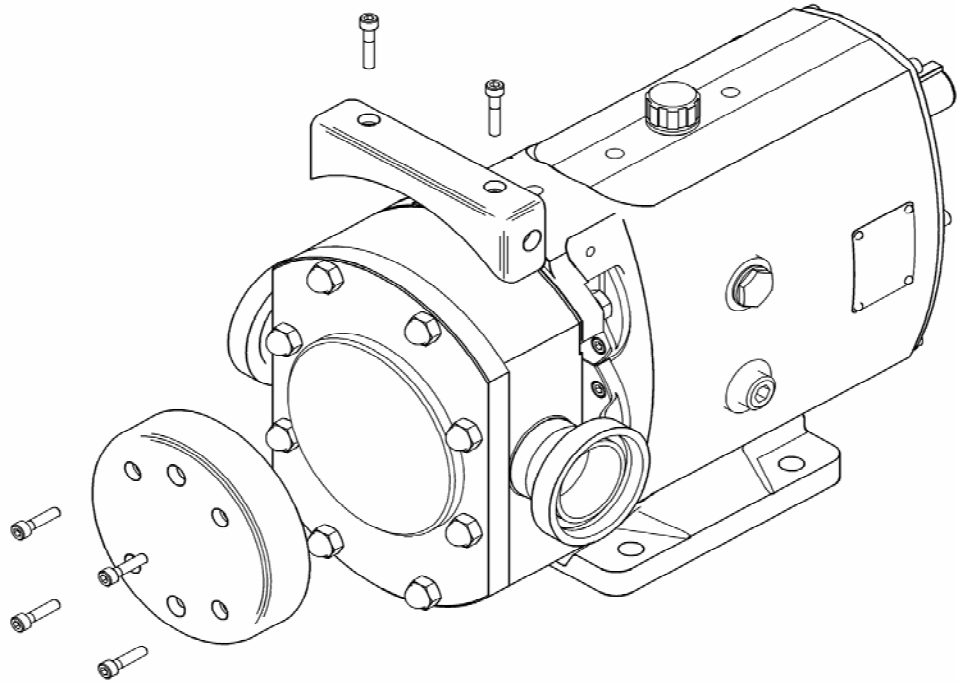


Rotorcase Cover Jackets - SRU Pump Models				
Pump Model	Description	Qty	Part No.	Item No.
SRU1	Rotorcase cover drilled for jacket	1	5130.331	9630027764
	Jacket - standard (for ATEX pump see 'ATEX Parts')	1	5268.025	9630031941
	Screw	4	5990.012	9630024603
SRU2	Rotorcase cover drilled for jacket	1	5130.332	9630027767
	Jacket - standard (for ATEX pump see 'ATEX Parts')	1	5268.026	9630031943
	Screw	4	5990.012	9630024603
SRU3	Rotorcase cover drilled for jacket	1	5130.333	9630027766
	Jacket - standard (for ATEX pump see 'ATEX Parts')	1	5268.027	9630031945
	Screw	4	5990.012	9630024603
SRU4	Rotorcase cover drilled for jacket	1	5130.334	9630030268
	Jacket - standard (for ATEX pump see 'ATEX Parts')	1	5268.028	9630031947
	Screw	4	5990.050	9630032120
SRU5	Rotorcase cover drilled for jacket	1	5130.335	9630027765
	Jacket - standard (for ATEX pump see 'ATEX Parts')	1	5268.029	9630031949
	Screw	4	5990.050	9630032120
SRU6	Rotorcase cover drilled for jacket	1	5130.336	9630027763
	Jacket - standard (for ATEX pump see 'ATEX Parts')	1	5268.030	9630031951
	Screw	4	5990.048	9630031826

Rotorcase Saddles - SRU Pump Models				
Pump Model	Description	Qty	Part No.	Item No.
SRU1	Rotorcase drilled for saddle	1	See Pages 31-33	
	Saddle - standard (for ATEX pump see 'ATEX Parts')	2	5268.031	9630032345
	Screw	4	5990.043	9630018807
SRU2	Rotorcase drilled for saddle	1	See Pages 31-33	
	Saddle - standard (for ATEX pump see 'ATEX Parts')	2	5268.032	9630032347
	Screw	4	5990.012	9630024603
SRU3	Rotorcase drilled for saddle	1	See Pages 31-33	
	Saddle - standard (for ATEX pump see 'ATEX Parts')	2	5268.033	9630031953
	Screw	4	5990.009	9630024598
SRU4	Rotorcase drilled for saddle	1	See Pages 31-33	
	Saddle - standard (for ATEX pump see 'ATEX Parts')	2	5268.034	9630031955
	Screw	4	5990.048	9630031826
SRU5	Rotorcase drilled for saddle	1	See Pages 31-33	
	Saddle - standard (for ATEX pump see 'ATEX Parts')	2	5268.035	9630031957
	Screw	4	5990.010	9630024599
SRU6	Rotorcase drilled for saddle	1	See Pages 31-33	
	Saddle - standard (for ATEX pump see 'ATEX Parts')	2	5268.036	9630031959
	Screw	4	5990.010	9630024599



Jackets and Saddles - Exploded View Drawing



SRU - EPDM USP Class VI 'O' Rings & Seals				
Drg No.	Description	Qty	Part No.	Item No.
11	'O' Ring, cover - plain	1	SRU1 1556.239 SRU2 1556.249 SRU3 1556.258 SRU4 1556.265 SRU5 1556.273 SRU6 1556.277	9630854451 9630854461 9630854477 9630854455 9630854469 9630854485
18	'O' Ring, rotor	2	SRU1 5380.779 SRU2 1556.022 SRU3 1556.026 SRU4 1556.030 SRU5 1556.135 SRU6 1556.143	9630854492 9630854464 9630854480 9630854458 9630854472 9630854486
20	'O' Ring, rotor nut	2	SRU1 5380.778 SRU2 1556.020 SRU3 1556.024 SRU4 1556.029 SRU5 1556.133 SRU6 1556.143	9630854491 9630854463 9630854479 9630854457 9630854471 9630854486
	Cover/Spline Sealing Kit (comprises cover, rotor and rotor nut sealing 'O' rings for one pump)	1	SRU1 KU1YC SRU2 KU2YC SRU3 KU3YC SRU4 KU4YC SRU5 KU5YC SRU6 KU6YC	9630856959 9630855540 9630856960 9630855577 9630856961 9630855541
81	Hyclean Rotorcase 'O' Ring	1	SRU1 1556.320 SRU2 1556.325 SRU3 1556.328 SRU4 1556.332 SRU5 1556.335 SRU6 1556.339	9630854453 9630854467 9630854483 9630854459 9630854475 9630854489
84	Hyclean Shaft 'O' Ring	2	SRU1 1556.114 SRU2 1556.121 SRU3 1556.124 SRU4 1556.131 SRU5 1556.137 SRU6 1556.230	9630854454 9630854468 9630854484 9630854460 9630854476 9630854473
	Hyclean Single Mech Seal SC / SC / EPDM USP Class VI	2	SRU1 7600.201Y SRU2 7600.202Y SRU3 7600.203Y SRU4 7600.204Y SRU5 7600.205Y SRU6 7600.206Y	9630855444 9630855445 9630855447 9630855452 9630855453 9630855454
	Service Kit (USA only) Hyc SC/SC/EPDM USP Class VI (comprises cover/spline sealing 'O' rings and mechanical seals for 1 pump)	1	SRU1 KU1YC-H26 SRU2 KU2YC-H26 SRU3 KU3YC-H26 SRU4 KU4YC-H26 SRU5 KU5YC-H26 SRU6 KU6YC-H26	9630856966 9630856967 9630856968 9630856969 9630856970 9630856971



Electropolishing (Rotorcase Covers and Rotors)					
Drg No.	Description		Qty	Part No.	Item No.
12	Cover, rotorcase - EP	SRU1 SRU2 SRU3 SRU4 SRU5 SRU6	1	5130.311EP 5130.312EP 5130.313EP 5130.314EP 5130.315EP 5130.316EP	9630856164 9630856021 9630855313 9630854961 9630855202 9630124278
17	Rotor, Trilobe Stainless Steel - EP	8 bar 70°C 8 bar 130°C 8 bar 200°C SRU1/005 5 bar 70°C 5 bar 130°C 5 bar 200°C SRU1/008 10 bar 70°C 10 bar 130°C 10 bar 200°C SRU2/013/ LS and HS 15 bar 70°C 15 bar 130°C 15 bar 200°C SRU2/013/ LD and HD 7 bar 70°C 7 bar 130°C 7 bar 200°C SRU2/018/ LS and HS 10 bar 70°C 10 bar 130°C 10 bar 200°C SRU2/018/ LD and HD 10 bar 70°C 10 bar 130°C 10 bar 200°C SRU3/027/ LS and HS 15 bar 70°C 15 bar 130°C 15 bar 200°C SRU3/027/ LD and HD 7 bar 70°C 7 bar 130°C 7 bar 200°C SRU3/038/ LS and HS 10 bar 70°C 10 bar 130°C 10 bar 200°C SRU3/038/ LD and HD 10 bar 70°C 10 bar 130°C 10 bar 200°C SRU4/055/ LS and HS 20 bar 70°C 20 bar 130°C 20 bar 200°C SRU4/055/ LD and HD 7 bar 70°C 7 bar 130°C 7 bar 200°C SRU4/079/ LS and HS 15 bar 70°C 15 bar 130°C 15 bar 200°C SRU4/079/ LD and HD	2	5712.005GEP 5712.005HEP 5712.008DEP 5712.008EEP 5712.008FEP 5740.013MEP 5740.013NEP 5740.013PEP 5740.018MEP 5740.018NEP 5740.018PEP 5740.027MEP 5740.027NEP 5740.027PEP 5740.027VEP 5740.038MEP 5740.038NEP 5740.038PEP 5740.055DEP 5740.055EEP 5740.055KEP 5740.055LEP 5740.079DEP 5740.079EEP 5740.079KEP 5740.079LEP	9630090643 9630856252 9630855579 9630856253 9630125230 9630856319 9630856320 9630124757 9630854738 9630856321 9630856322 9630124364 9630856323 9630854675 9630857260 9630855311 9630856324 9630855852 9630111455 9630856325 9630855259 9630856326 9630123804 9630856327 9630856328 9630856329



Electropolishing (Rotors cont'd and Rotor Nuts)					
Drg No.	Description		Qty	Part No.	Item No.
17	Rotor, Trilobe Stainless Steel - EP	10 bar 70°C 10 bar 130°C 10 bar 200°C	2	5740.116DEP 5740.116EEP	9630856330 9630855200
		20 bar 70°C 20 bar 130°C 20 bar 200°C		5740.116KEP 5740.116LEP	9630856331 9630856332
		7 bar 70°C 7 bar 130°C 7 bar 200°C		5740.168DEP 5740.168EEP	9630856334 9630856335
		15 bar 70°C 15 bar 130°C 15 bar 200°C			
		10 bar 70°C 10 bar 130°C 10 bar 200°C		5740.260DEP 5740.260EEP	9630126882 9630124276
		20 bar 70°C 20 bar 130°C 20 bar 200°C			
		7 bar 70°C 7 bar 130°C 7 bar 200°C		5740.353DEP 5740.353EEP	9630113414 9630856152
		15 bar 70°C 15 bar 130°C 15 bar 200°C			
22	Nut, rotor retention (RH) - EP	SRU1/005	2	5900.161EP	9630856369
		SRU1/008		5900.162EP	9630856370
		SRU2/013		5900.163EP	9630124758
		SRU2/018		5900.164EP	9630854960
		SRU3/027		5900.165EP	9630125624
		SRU3/038		5900.166EP	9630855295
		SRU4/055		5900.167EP	9630856371
		SRU4/079		5900.168EP	9630854962
		SRU5/116		5900.169EP	9630856372
		SRU5/168		5900.170EP	9630111739
		SRU6/260		5900.171EP	9630124279
		SRU6/353		5900.172EP	9630854039
	Nut, rotor retention (LH) - EP	SRU1/005		5900.181EP	9630856373
		SRU1/008		5900.182EP	9630856374
		SRU2/013		5900.183EP	9630856375
		SRU2/018		5900.184EP	9630856003
		SRU3/027		5900.185EP	9630856376
		SRU3/038		5900.186EP	9630855074
		SRU4/055		5900.187EP	9630856377
		SRU4/079		5900.188EP	9630856378
		SRU5/116		5900.189EP	9630856379
		SRU5/168		5900.190EP	9630111740
		SRU6/260		5900.191EP	9630124280
		SRU6/353		5900.192EP	9630855620



Electropolishing (Rotorcase)							
Drg No.	Description	Size		Pump	Qty	Part No.	Item No.
		in	mm				
9	Rotorcase for Hyclean seal and Tri- clamp (BS4825) connections	1	25	SRU1/005	1	9285.082SEP	9630856355
		1	25	SRU1/008			
		1½	40	SRU1/008		9286.083SEP	9630856356
		1	25	SRU2/013			
		1½	40	SRU2/013		9211.083SEP	9630856354
		1½	40	SRU2/018		9212.274SEP	9630856020
		2	50	SRU2/018		9212.084SEP	9630855315
		1½	40	SRU3/027		9213.274SEP	9630099579
		2	50	SRU3/027		9213.084SEP	9630854899
		2	50	SRU3/038		9214.271SEP	9630855608
		2½	65	SRU3/038		9214.086SEP	9630855312
		2	50	SRU4/055		9215.271SEP	9630855224
		2½	65	SRU4/055		9215.086SE	9630067560
		2½	65	SRU4/079			
		3	80	SRU4/079		9216.149SEP	9630854963
		2½	65	SRU5/116		9217.323SEP	9630856358
		3	80	SRU5/116		9217.149SEP	9630856357
		3	80	SRU5/168			
		4	100	SRU5/168		9218.150SEP	9630856359
		4	100	SRU6/260		9423.088SEP	9630124277
		4	100	SRU6/353			
		6	150	SRU6/353		9220.300SEP	9630113549



ATEX Parts					
Drg No.	Description		Qty	Part No.	Item No.
46	Sight glass	SRU1-4	1	5480.010	9630855435
		Horiz port	2		
		Vert port	1		
47	Filler plug	SRU1-4	1	5192.286	9630105171
		Horiz port	2		
		Vert port	1		
	Washer, bonded - for filler plug	NBR	1 / 2	31499.5916.1	9630039007
50	Gland guard	SRU1	2	5243.136	9630112468
		SRU2		5243.137	9630123783
		SRU3		5243.138	9630124138
		SRU4		5243.139	9630855285
		Lower vert port	1	5243.148	9630855513
		Upper vert port		5243.150	9630855514
		Horiz port	2	5243.134	9630112074
		Lower vert port	1	5243.149	9630855500
		Upper vert port		5243.151	9630855501
		Horiz port	2	5243.152	
72b	Stationary seal ring with thermocouple (R90 Single mechanical seal). Note: Only silicon carbide available and normally 1 off is req'd as other seal ring will be as standard silicon carbide	SRU1	1	R5630.181	9630113595
		SRU2		R5630.182	9630113596
		SRU3		R5630.183	9630113598
		SRU4		R5630.184	9630113599
		SRU5		R5630.185	9630113600
		SRU6		R5630.186	9630113601
72c	Stationary seal ring with thermocouple (R90 Double mechanical seal) Note: Only silicon carbide available and normally 1 off is req'd as other seal ring will be as standard silicon carbide	SRU1	1	R5630.191	9630123885
		SRU2		R5630.192	9630123886
		SRU3		R5630.193	9630123887
		SRU4		R5630.194	9630123888
		SRU5		R5630.195	9630123889
		SRU6		R5630.196	9630123890
79	Seal housing, double mechanical seal for thermocouple (R90 Double mechanical seal) Note: Normally 1 off is req'd as other seal housing will be as standard	SRU1	1	5265.221A.T	
		SRU2		5265.325A.T	
		SRU3		5265.326A.T	
		SRU4		5265.327A.T	
		SRU5		5265.328A.T	
		SRU6		5265.329A.T	
101	Thermocouple clamp plate	SRU1	1	5087.081	9630855569
		SRU2		5087.082	
		SRU3		5087.083	
		SRU4		5087.084	
		SRU5		5087.085	
		SRU6		5087.086	
102	Screw, thermocouple clamp plate	SRU1	2	5990.007	9630024595
		SRU2-3		5990.066	9630028936
		SRU4-6		5990.083	9630074138
103	Plastic bush	SRU1-6	1	5060.021	9630855571
104	Screw, bush locking	SRU1-6	1	5990.088	9630855570
	Jacket, rotorcase cover (stainless steel)	SRU1	1	5268.091	9630855436
		SRU2		5268.092	9630855437
		SRU3		5268.093	9630126740
		SRU4		5268.094	9630854731
		SRU5		5268.095	9630855438
		SRU6		5268.096	9630855439
	Saddle, rotorcase (stainless steel)	SRU1	2	5268.081	9630855440
		SRU2		5268.082	9630855441
		SRU3		5268.083	9630126739
		SRU4		5268.084	9630854730
		SRU5		5268.085	9630855442
		SRU6		5268.086	9630855443
	Stud, earthing	SRU1	1	6350.148	9630105360
		SRU2-4		6350.149	9630105362
		SRU5-6		6350.148	9630105360
	Nut, earthing stud		2	5330.003	9630024057
	Washer, lock		2	6410.009	9630105264
	Earth bonding cable		1	4450.222	9630105267
	Terminal copper tube		2	4450.223	9630105435
	Earth bonding tag		1	5410.088	9630105614

Miscellaneous Items				
Description		Qty	SRU1 to SRU6	
			Part No.	Item No.
Plug, Seal Housing	1/8" BSPT	4	5470.000	9630024415
	1/8" NPT		5470.006	9630024422
	1/4" BSPT		5470.001	9630024417
	1/4" NPT		5470.004	9630024419
<u>The following housings have 1/8" connections</u> R90 Flush and Double sizes SRU1-3 Hyclean Flush sizes SRU1-4 Packed Gland sizes SRU1-4 <u>The following housings have 1/4" connections</u> R90 Flush and Double sizes SRU4-6 Hyclean Flush sizes SRU5-6 Packed Gland sizes SRU5-6				

Grease filled gearboxes in gearcases drilled for oil.

If Gearcase is drilled for Oil and supplied for Grease then the same fixings are required as for Oil, EXCEPT that Unvented Filler Plug 31495.0052.1 is used instead of 31491.0052.1 and 5480.001

Revision History			
Issue	Ref	Date	Description
SRU INTRODUCTION	-	February 2001	SRU range introduced and replaces SR/3A and NMOG pump ranges. (SR/3A SS and SD versions still available to special order only.)
	CH5808		The gearboxes on sizes SRU1-4 revised to universal mounting with bolt-on feet for either horizontal or vertical porting.
	CH5809		Gearboxes on sizes SRU5-6 remained as dedicated for either horizontal or vertical porting but standardised to one external shape.
	CH5808 CH5809		Grease lubrication withdrawn as a standard option.
	CH5817 CH5834		SRU6/260 introduced to replace SR6/246/3A and NMOG822 to provide increased bore size on 4" ports.
	CH5804		Sanitary size port bores introduced throughout range (CH5804, CH5758, CH5812, CH5813, and CH5814).
	CH5793		Shim retainers standardised to one item per pump size that is suitable to fit both the SRU and for spares requirements on discontinued SR, SR/3A and NMOG ranges.
	CH5795		SRU1-4 timing gears revised to hardened as standard.
	CH5816		New style gland guards introduced.
	CH5825 CH5826		Bilobe rotors revised to have the master spline at 45 deg which allows both rotors in the pump to be identical instead of 'handed'.
	CH5839		Hyclean flushed lip seals standardised to fully enclosed FPM with stainless steel spring.
2001-02	TM	01-02-2001	New manual issue 1 ref SP70844-GB1
1.01	CH		Pump drg item no 14A (gasket) deleted. The gaskets are no longer available and silicone sealant (item Z3717.0001) is used.
1.02	CH5883	05-03-2001	Pump drg item no 46A (sight glass washer) deleted. The sight glass 5480.001 has been changed to include an integral washer.
1.03	CH5884	06-03-2001	SRU1 and SRU2 Pump drg item no. 51/52 gland guard screws revised to 4 off part 6000.010 (item 9630050533) instead of 4 off 5990.045 and 4 off washers 6400.046.
1.04	CH5905	26-04-2001	Pump drg item no 40 (screw) revised on pump sizes SRU2 and SRU3. SRU2 part number updated from part 5990.044 to part 5990.007 and item updated from 9630030096 to 9630024595. SRU3 part number updated from part 5990.007 to part 5990.005 and item updated from 9630024595 to 9630024591.
1.05			Pump drg item no 1 (gearcase) and drg items 54 and 56 (feet) revised to indicate part and item numbers for painted Alfa Laval Blue.
1.06			SRU1 Pump drg item no. 7 (FPM) item number corrected from 9630030621 to item 9630032806
1.07			SRU1 Pump drg item no. 11 (PTFE) part number corrected from 1550.239 to part 1552.239.
1.08			SRU1 Pump drg item no. 18 (FPM) part number corrected from 5380.566 to part 5380.420 and item number corrected from item 9630057303 to item 9630044557.
1.09			SRU2 Pump drg item no. 18 (EPDM) item number corrected from 9630046454 to item 9630046455.
1.10			SRU4 Pump drg item no. 11 (FPM) part number corrected from 5380.433 to part 1551.265 and item number corrected from 9630045581 to 9630037519.
1.11			SRU5 Pump drg item no. 11 (FPM) part number corrected from 5380.436 to part 1551.273 and item number corrected from 9630045584 to 9630046180.
1.12			SRU5 Pump drg item no. 8A corrected from part 6150.256 to part 6150.315 and the item changed from 9630050529 to item 9630089544 as per above CH5793.

Revision History (continued)			
Issue	Ref	Date	Description
1.13			SRU2/013 bilobe rotor part number 5741.013N item number corrected to 9630090572.
1.14			SRU2/018 bilobe rotor part number 5741.018W item number corrected to 9630099560.
1.15			SRU1 R90 flush housing gasket corrected to part number 5198.201 and item number to 9630062179 and quantity to 1 per pump as per CH5234 (1997).
1.16			SRU4 R90 flush housing studs, nuts and washers corrected to screws part number 5990.078 item 9630060520 as per CH5151 (1996).
1.17			SRU5 R90 flush housing studs corrected to part number 6350.104 item 9630019863.
1.18			Details of Hyclean retaining clips and screws added.
1.19			SRU1 Hyclean housing 'O' ring corrected to part number 5380.273 item 9630027378.
1.20			SRU2 Hyclean housing 'O' ring corrected to part number 1551.138 item 9630037158.
1.21			SRU5 Hyclean housing 'O' ring corrected to part number 5380.407 item 9630043063.
1.22			SRU6 Hyclean housing 'O' ring corrected to part number 5380.292 item 9630039129.
1.23			Details of stainless steel shaft sleeves added to SRU1-4 packed gland arrangements.
1.24			SRU1 packed gland flush housings corrected to part numbers 5235.014AA and 5235.014BA (items 9630101726 and 9630101727).
1.25			SRU1 packed gland housing gasket corrected to part number 5198.201 and item number to 9630062179 and quantity to 1 per pump as per CH5234 (1997).
1.26			Packed gland housing stud nuts corrected as per CH5093 (1996).
1.27			SRU4-6 gland followers corrected to split type as per CH4831 (1994).
1.28			SRU2 Pump drg. Item no. 2 dowel, part number corrected to 5170.025 and item number to 9630030093.
1.29			SRU3 Packed gland stud corrected to part number 6350.144 and item 9630058750 as per CH5654 (1999).
2	0211	01-11-2002	NEW MANUAL SRU
2.01		13-05-2002	Part numbers and item numbers of SRU4 Cover/Spline Sealing kits on p.35 corrected.
3	0503	01-03-2005	Manual updated to include latest R90 and Hyclean seal drawings and parts list.
3.01	CH10707	01-03-2005	Hyclean drive and auxiliary shafts now only available in Duplex material. Hyclean stainless steel shaft part numbers removed (SRU2 - 6100.656 & 6110.656, SRU3 - 6100.657 & 6110.657, SRU4 - 6100.658 & 6110.658, SRU5 - 6100.659 & 6110.659, SRU6 - 6100.708 & 6110.708).
3.02	CH10672	01-03-2005	Note added to p.39, 40, 50, 51 and 52 relating to use of double wave springs.
3.03		30-01-2006	Rotorcase body part numbers table modified.
3.04	CH-10981	30-01-2006	NBR, EPDM and PTFE Spacer 'O' ring options removed, leaving only FPM available.
3.05		30-01-2006	Hyclean stainless steel shaft part numbers previously removed now reinstated (SRU2 - 6100.656 & 6110.656, SRU3 - 6100.657 & 6110.657, SRU4 - 6100.658 & 6110.658, SRU5 - 6100.659 & 6110.659, SRU6 - 6100.708 & 6110.708).
3.06	CH-10992	30-01-2006	EPDM USP Class VI 'O' rings and seals p.69 added.
3.07		30-01-2006	Electropolished parts p.70-72 added.
3.08		28-02-2006	ATEX parts added.
3.09	CH-10702	28-02-2006	Feet gaskets removed SRU1-4. Exploded view drawings amended.
3.10	CH-10847	28-02-2006	SRU3 Vertically ported foot part number changed from 5225.403.00 to 5225.413.00
4	0603	01-03-2006	NEW ISSUE
4.01		08-04-2008	Item number corrected to 9630031929 for SRU6 'O' ring for Hyclean single flushed seal conversion kit.
4.02		08-04-2008	Bonded washer part number 31499.5916.1 added to ATEX parts.
4.03		08-04-2008	Item number corrected to 9630878758 for SRU3 vertically ported foot.
4.04	CH-11028	08-04-2008	Part number 6150.324 and item number 9630101746 added to shim set for SRU6 pressure relief valve parts.
4.05		08-04-2008	Note referring to qty of packing rings amended on p.62 and p.63
4.06		08-04-2008	Part and item corrected to 5380.292 (9630031929) for SRU5/116 'O' ring for rectangular-round adaptor.
4.07		07-07-2008	Part and item numbers added for SRU6 'O' ring for rectangular-round adaptor.
4.08		07-07-2008	For SRU2-6 Rotary Seal Assembly description corrected to show drive ring included in 74B and not 74A.
4.09		07-07-2008	Service Kits added to include Cover/Sealing Kits and R90/Hyclean Single Mechanical Seals.