

List of parts for SAB 128 Mk 4

Pos.	Designation	Qty.	Part no
	Compressor complete, HF		4161-161
	Compressor complete, HM		4161-171
	Compressor housing		
10	Rotor housing, SAB 128	1	3011-052
	Bearing cover at suction end		
20	Suction cover for SAB 128	1	3013-391
21	O-ring 304.39 x 3.53	1	1331-112
22	Cylindrical pin $\varnothing 16 \times 40$	2	1445-013
23	Cylindrical screw M12 x 35	16	1413-387
24	Plug with collar 1/2" RG	1	1343-027
25	Dowty-ring	1	1331-430
26	O-ring 14.00 x 1.78	2	1331-190
	Bearing cover at discharge end		
40	Bearing cover	1	3013-477
43	Cylinder screw M10 x 35	6	1413-373
44	Adjusting screw	2	2111-122
45	Stop screw M6 x 10	4	1413-231
46	Plug with collar 1/8" RG	1	1343-024
47	Dowty-ring	1	1331-426
	Capacity regulating cylinder		
50	Capacity cylinder	1	3043-264
51	O-ring 82.14 x 3.53	1	1331-077
52	Cylinder screw M10 x 35	3	1413-373
	Cover for capacity regulating cylinder		
60	Cover for capacity cylinder	1	3013-489
61	O-ring 91.67 x 3.53	1	1331-080
62	Cylinder screw M8 x 25	4	1413-357
	Shaft seal cover		
81	O-ring 85.32 x 3.53	1	1331-078
82	Cylinder screw M10 x 35	4	1413-373
83	Driving pin $\varnothing 4 \times 6$	1	1446-011
86	Hose connecting branch 1/4"	1	1345-143
87	Clear plastic hose 3/16" x 300 mm	1	1241-190
	Cap cover		
90	Cap cover	1	3013-421
91	O-ring 85.32 x 3.53	1	1331-078
92	Cylinder screw M10 x 35	4	1413-373
93	Dowty-ring dia. 15.88/11.84 x 2.0	1	1331-426
94	Plug with collar 1/8" RG	1	1343-024
95	Nozzle for bearing lubrication	1	3447-537
96	O-ring 14.00 x 1.78	1	1331-190
	Cover for slide stop		
100	Cover	1	3013-057

Pos.	Designation	Qty.	Part no
101	O-ring 66.27 x 3.53	1	1331-072
102	Cylinder screw M10 x 35	3	1413-373
103	Retainer for spindle bearings	1	3044-013
104	Cylinder screw M6 x 20	4	1413-341
105	Locking plate	1	2114-043
	Rotor and suction end bearings		
110	Rotor set for SAB 128, female drive	1	3024-297
110	Rotor set for SAB 128, male drive	1	3024-300
111	Roller bearings	2	1513-016
112	Retainer pin for male rotor	1	3021-012
113	Spirolox-ring	1	1437-217
114	Washer for bearings	2	3021-035
115	Cylinder screw M12 x 35	2	1413-387
118	Driving pin $\varnothing 4$ x 8	1	1446-019
119	Retainer for female rotor	1	3021-017
	Discharge end bearings, female rotor		
130	Balance piston dia. 64	1	3025-066
131	Radial roller bearings 40/90 x 33	1	1513-016
132	Four point bearings 40/90 x 23	1	1513-027
133	Shim dia. 70/90, for adjustment of distance between rotor and discharge ports. Comprising: 1 of thickness 0.49 mm 1 of thickness 0.52 mm 1 of thickness 0.55 mm 1 of thickness 0.58 mm 1 of thickness 0.61 mm 1 of thickness 0.64 mm 1 of thickness 0.67 mm	1	2124-080
	Discharge ends, male rotor		
135	Balance piston dia. 64	1	3025-066
136	Radial roller bearings 45/100 x 36	1	1513-012
137	Four point bearings 45/100 x 25	1	1513-028
138	Shim dia. 80/100, for adjustment of distance between rotor and discharge ports. Comprising: 1 of thickness 0.49 mm 1 of thickness 0.52 mm 1 of thickness 0.55 mm 1 of thickness 0.58 mm 1 of thickness 0.61 mm 1 of thickness 0.64 mm 1 of thickness 0.67 mm	1	2124-081
	Discharge end ports		
140-1	Discharge port (male rotor) Vi 4.5	1	3031-063
141-1	Discharge port (female rotor) Vi 4.5	1	3031-064
140-2	Discharge port (male rotor) AC-operation Vi 3.0	1	3031-068
141-2	Discharge port (female rotor) AC-operation Vi 3.0	1	3031-069
142	Cylinder screw M8 x 120	6	1413-314

Pos.	Designation	Qty.	Part no
143	Steel sealing ring $\varnothing 13.5/8 \times 4/2$	6	3049-006
146	Plug with collar 3/8" RG	2	1343-026
147	Locking screw M10 x 10	2	1413-250
148	Adjusting screw M10 x 20	2	1413-032
149	Dowty-ring dia. 23.80/17.35 x 2.03	2	1331-427
	Rotor adjustment parts		
151	Inner cover (male rotor)	1	3013-422
152	O-ring 91.67 x 3.53	2	1331-080
153	Inner cover (female rotor)	1	3013-423
154	O-ring 82.14 x 3.53	2	1331-077
155	Nozzle for oil	2	3447-537
	Shaft seal		
160	Shaft seal type 680	1	1332-068
	Inner shaft seal		
165AA	Shaft seal cover HM	1	3013-420
165AB	Shaft seal cover HF	1	3013-419
165B	Balance piston	1	3025-065
165C	Slide ring with sleeve	1	3025-062
165D	Radial seal	1	1332-077
165E	Inner ring	1	3025-058
165F	O-ring 39.34 x 2.62	2	1331-137
165G	O-ring 59.99 x 2.62	2	1331-142
165I	Counter sunk screw M4 x 10	4	1413-060
165J	O-ring 14 x 1.78	1	1331-190
165K	Oil distribution ring	1	3026-061
165L	Spirolox-ring	1	1437-260
	Suction filter		
170	Suction filter	1	3042-081
	Adjusting system for Vi-slide		
180	Spindle for slide stop	1	3044-012
182	Sealing washer for slide stop	1	3044-014
183	Sealing ring 28/22	1	1331-503
184	O-ring 44.04 x 3.53	1	1331-065
186	Axial ball bearing $\varnothing 42/25 \times 11$	2	1512-015
	Slide stop		
190	Slide stop		
	Manual Vi-slide		
191	Spring	1	1523-014
192	Slide stop	1	3044-131
193	Cylinder screw M10 x 12	1	1413-408
	Capacity regulating slide		
200	Capacity slide	1	3043-175
201	Inner piston slide	1	3043-266
202	Outer piston slide	1	3043-265
203	O-ring 53.57 x 3.53	1	1331-068
204	Sealing ring 95/85	1	1332-193

Pos.	Designation	Qty.	Part no
205	Pointed screw M6 x 10	2	1413-231
206	Cylinder screw M6 x 25	4	1413-342
207	Slide rod	1	3043-255
208	Tape bearing	2	2132-105
209	O-ring 9.12 x 3.53	1	1331-215
Parts for suction gas inlet			
251	Hexagon head screw M12 x 30	8	1424-215
252	O-ring 132.94 x 3.53	1	1331-093
254	Cylinder screw M14 x 45	8	1413-413
Non-return valve			
260	Non-return flap	1	3042-148
261	Intermediate flange	1	3013-424
262	O-ring dia. 183.74 x 3.53	1	1331-104
263	Hinge fastener	1	3042-150
264	Cylinder screw M8 x 80	2	1413-366
265	Hinge	1	3042-149
266	Shim 8 x 14 x 0.5	2	1436-149
267	Cylindrical pin dia. 8 x 32	1	1445-092
268	Sleeve for hinge	1	3042-152
269	Wave spring $\varnothing 18.8 \times \varnothing 13.2 \times 0.2, h=1.6$	1	1523-099
270	Counter sunk screw M8 x 25	1	1413-103
Economizer			
290	ECO-plug	1	3013-426
291	Cylinder screw M10 x 30	2	1413-372
292	O-ring 29.74 x 3.53	1	1331-025
293	Cylinder screw M8x25	1	1413-357
HLI inlet			
300	HLI plug	2	3013-136
301	Cylinder screw M10 x 30	4	1413-372
302	O-ring 20.22 x 3.53	2	1331-019
Connecting parts for slide rod			
310	Washer for slide rod	1	3043-108
311	Cylinder screw M10 x 55	1	1413-377
Parts for internal oil channel			
320	Non-return valve EMB RVS	1	1364-277
321	Dowty-ring	1	1331-433
322	Plug with collar 3/4" RG	1	3013-491
323	Plug with collar 3/8" RG	1	1343-026
324	Dowty-ring	1	1331-427
325A	Nozzle for rotor injection (R717)	1	3041-039
325B	Nozzle for rotor injection (R22)	1	3041-040
326	Dowty-ring	6	1331-428
327	Plug with collar 1/4" RG	6	1343-025
328	Dowty-ring	2	1343-026
329	Plug with collar 3/8" RG	2	1331-427

Pos.	Designation	Qty.	Part no
	Transmitter for positioning of capacity slide		
350	Capacity rod l = 179	1	1553-288
351	Cylinder screw M6 x 25	2	1413-052
352	Alu. Pipe l = 160	1	1116-042
353	Dowty-ring	1	1331-427
354	Sensor pocket L = 179	1	1377-415
	Oil filter parts		
450	Cover	1	3013-474
452	O-ring 132.94 x 3.53	1	1331-093
453	O-ring 101.19 x 3.53	1	1331-083
455	Locking nut M10	1	1433-080
456	Cylinder screw M12 x 35	4	1413-387
458	Stay bolt	1	2111-131
459	Magnet	4	1517-022
460	Intermediate ring	4	3424-039
461	Rubber gasket	2	1334-012
470	Filter cartridge	1	1517-150
471	Gas outlet device	1	3042-158
472	O-ring 101.19 x 3.53	1	1331-083
473	Cover	1	3013-374
474	Cylinder screw M12 x 35	1	1413-387
475	O-ring 132.94 x 3.53	1	1331-093
476	Float switch	1	1553-262
477	Cylindrical pin 3 x 12	1	1445-054
478	Plug with collar 1/4"	1	1343-025
479	Dowty-ring	1	1331-428
480	Plug with collar 3/4"	1	1343-028
481	Dowty-ring	2	1331-433
	Safety valve system		
700	Back pressure independent safety valve BSV8, 18 bar	1	2416-202
	Back pressure independent safety valve BSV8, 20 bar	1	2416-203
	Back pressure independent safety valve BSV8, 21 bar	1	2416-204
	Back pressure independent safety valve BSV8, 22 bar	1	2416-224
	Back pressure independent safety valve BSV8, 25 bar	1	2416-205
	- Other valve types are available on request		
701	Connecting pipe, POV 40, ø12	1	2332-711
702	Cylinder screw M12 x 35	4	1413-387
703	O-ring 85.32 x 3.53	1	1331-078
704	Intermediate pipe with POV 40	1	3014-027
716	Cylinder screw M14 x 35	4	1413-412
717	O-ring 72.62 x 3.53	1	1331-074
718	Safety valve cover	1	3013-425
719	O-ring 183.75 x 3.53	1	1331-104
720	Male stud coupling	2	1349-053
726	Reducer 3/4" - 3/8" RG	1	2312-038
727	Al. Ring 24/13 x 1.5	1	2356-127

Pos.	Designation	Qty.	Part no
730	Union nut G1"	1	2313-017
731	Nipple G3/8", NV17	1	2311-065
732	Al. Ring 30/16 x 1.5	1	2356-137
733	Dowty-ring	1	1331-427
734	Cylinder screw M14 x 40	8	1413-410
	Temperature/pressure transducers		
751	Pressure transmitter at suction end	1	1373-249
752	Pressure transmitter after oil filter	1	1373-271
753	Pressure transmitter before oil filter	1	1373-271
755	Male stud coupling EMB VADKO	2	1349-137
756	Screw connection EMB VBDKO	1	1349-233
761	Temperature transmitter	1	1349-281
762	Temperature transmitter	1	1349-282
765	Dowty-ring	1	1331-428