

# ROTORS

Swing-out rotor, 4 -place



illustrated with carriers 5051 and lids 5053



∠ 90° n = 4,000 min<sup>-1</sup> max. RCF 3,095

**Cat. No. (without carriers) 5694**

capacity in ml	1.5	2.0	1.5	2.0	5	6	7	9	15	25	50	100	100	1.1–1.4	2.6–3.4	2.7–3	4–5.5	
Ø x L in mm	11x38		11x38		12x75	12x82	12x100	14x100	17x100	24x100	34x100	44x100	40x115	8x66	13x65	11x66	15x75	
<b>Cat. No.</b>	-	-	<b>2078</b>	<b>0536</b>	<b>0553<sup>2)</sup></b>	<b>0501<sup>2)</sup></b>	<b>0578<sup>2)</sup></b>	<b>0500<sup>2)</sup></b>	<b>0518<sup>2)</sup></b>	<b>0519<sup>2)</sup></b>	<b>0521<sup>2)</sup></b>	<b>0526<sup>2)</sup></b>	<b>0523<sup>2)</sup></b>	<b>blood collection tubes</b>				
lid Cat. No. 5053																		
carrier Cat. No. 5051																		
<b>Cat. No.</b>	<b>5257</b>	<b>5281</b>	<b>5227</b>	<b>5247<sup>18)</sup></b>	<b>5264</b>	<b>5248<sup>18)</sup></b>	<b>5242</b>	<b>5243</b>	<b>5262</b>	<b>5249</b>	<b>5267</b>	<b>5268</b>	<b>5227</b>	<b>5264</b>				
boring Ø x L in mm	12.5x42	11.5x50	12.5x42	12.5x86	16x50	17.5x86	26x86	36x86	45.5x86	42x86	11x44	13.5x52	12.5x42	16x50				
tubes per rotor	160	64	80	80	48	48	20	8	4	80	48	80	48					
max. RCF <sup>2)</sup> upper / lower	1,950/2,826	2,826	2,773	2,755	2,773	2,755	2,755	2,755	2,737	2,808	2,773							
radius in mm upper / lower	109/158	158	155	154	155	154	154	154	153	157	155							
run-up in sec	42																	
run-down in sec, braked	51																	
temperature in °C <sup>1)</sup>	-3																	

capacity in ml	4.5–5	4.9	7.5–8.5	9–10	10	1.6–5	4–7	4–7	8.5–10	15	50	12	30	50	two-tier frame for cyto accessories	
Ø x L in mm	11x92	13x90	15x92	16x92	15x102	13x75	16x75	13x100	16x100	17x120	29x115	17x100	25x110	29x115		
<b>Cat. No.</b>	<b>blood collection / urine tubes</b>											<b>0509</b>	<b>0513</b>	-	-	<b>cyto chambers</b>
lid Cat. No. 5053																
carrier Cat. No. 5051																
<b>Cat. No.</b>	<b>5227</b>	<b>5268</b>	<b>5264</b>	<b>5258</b>	<b>5268</b>	<b>5264</b>	<b>6301</b>	<b>5248</b>	<b>6306</b>	<b>5259</b>	<b>6306</b>	<b>5266</b>	<b>5243</b>	<b>5280</b>		
boring Ø x L in mm	12.5x42	13.5x52	16x50	17.6x86	13.5x52	16x50	13.5x86	17.5x86	17x90	30x86	17x90	26x86	36x86	-		
tubes per rotor	80	48	48	44	48	48	28	8	28	20	8	8	8			
max. RCF <sup>2)</sup> upper / lower	2,773	2,808	2,773	2,755	2,808	2,773	2,755	2,898	2,826	2,898	2,755	1,735/2,737				
radius in mm upper / lower	155	157	155	154	157	155	154	162	158	162	154	97/153				
run-up in sec	42															
run-down in sec, braked	51															
temperature in °C <sup>1)</sup>	-3															

1) Lowest attainable temperature in precooled refrigerated centrifuges at max. speed. Lower temperatures can be attained by reducing the speed.  
 2) Please note that the RCF values indicated refer only to rotor performance. The max. permissible RCF of tubes used should be verified with the individual manufacturers. The max. RCF for glass tubes annotated with footnote <sup>2)</sup> is 4,000.  
 3) When using these tubes, carrier 1560 cannot be closed with lid 1561.

## Swing-out rotor 5694



illustrated with carriers 5092

capacity in ml	5	6	7	15	25	50	100	100	250	1.1–1.4	1.1–1.4	2.6–3.4
Ø x L in mm	12x75	12x82	12x100	17x100	24x100	34x100	44x100	40x115	65x115	8x66	8x66	13x65
<b>Cat. No.</b>	<b>0553<sup>2)</sup></b>	<b>0501<sup>2)</sup></b>	<b>0578<sup>2)</sup></b>	<b>0518<sup>2)</sup></b>	<b>0519<sup>2)</sup></b>	<b>0521<sup>2)</sup></b>	<b>0526<sup>2)</sup></b>	<b>0523<sup>2)</sup></b>	<b>0530<sup>2)</sup></b>	<b>blood collection tubes</b>		
lid with bio-containment <sup>5)</sup> Cat. No. 5093												
<b>carrier</b> Cat. No. 5092												
<b>Cat. No.</b>	<b>5128</b>	<b>5120</b>	<b>5136</b>	<b>5122</b>	<b>5124</b>	<b>5125</b>	<b>5126</b>	<b>1791</b>	<b>5137</b>	<b>5138</b>	<b>5137</b>	
boring Ø x L in mm	12.8x45	12.8x82	17.5 x 60.7	25.5x82	35.5x82.5	45.5x85	42x85	66x103	13.5x60.7	12.8x54.5	13.5x60.7	
tubes per rotor	48		32	16	4				32	48	32	
max. RCF <sup>2)</sup>	3,005		2,952	2,898	2,952	2,952		3,095	2,952	2,540	2,952	
radius in mm	168		165	162	165	165		173	165	142	165	
run-up in sec	42											
run-down in sec, braked	51											
temperature in °C <sup>1)</sup>	-3											

capacity in ml	2.6–3.4	2.7–3	2.7–3	4–5.5	4.5–5	4.9	7.5–8.5	9–10	10	1.6–5	1.6–5	4–7
Ø x L in mm	13x65	11x66	11x66	15x75	11x92	13x90	15x92	16x92	15x102	13x75	13x75	13x100
<b>Cat. No.</b>	<b>blood collection / urine tubes</b>											
lid with bio-containment <sup>5)</sup> Cat. No. 5093												
<b>carrier</b> Cat. No. 5092												
<b>Cat. No.</b>	<b>5138</b>	<b>5137</b>	<b>5138</b>	<b>5136</b>	<b>5120</b>	<b>5137</b>	<b>5136</b>		<b>5137</b>	<b>5138</b>	<b>5120</b>	
boring Ø x L in mm	12.8x54.5	13.5x60.7	12.8x54.5	17.5x60.7	12.8x82	13.5x60.7	17.5x60.7		13.5x60.7	12.8x54.5	12.8x82	
tubes per rotor	48	32	48	32	48	32		32	48	32		
max. RCF <sup>2)</sup>	2,540	2,952	2,540	2,952	3,005	2,952		2,952	2,540	3,005		
radius in mm	142	165	142	165	168	165		165	142	168		
run-up in sec	42											
run-down in sec, braked	51											
temperature in °C <sup>1)</sup>	-3											

<sup>5)</sup> Tested by the TÜV in conformity with DIN EN 61010, section 2 - 020.

<sup>18)</sup> With Cat. No. 5247-91 or 5248-91 these adapters can also be ordered with a decanting aid.

# ROTORS

## Swing-out rotor 5694



illustrated with carriers 5092

capacity in ml	4–7	8	8.5–10	15	50	12	25	30	50	10	250	290
Ø x L in mm	16x75	16 x 125	16x100	17x120	29x115	17x100	25x90	25x110	29x115	16x80	61x122	62x137
Cat. No.	blood collection tubes			0509	0513	-					5127 <sup>2B)</sup>	- <sup>2B)</sup>
lid with bio-containment <sup>5)</sup> Cat. No. 5093												
carrier Cat. No. 5092												
Cat. No.	5136	5121 <sup>4)</sup>	5136	5129	5123	5121	5134	5122	5135	5136	6319	
boring Ø x L in mm	17.5x60.7	17.5x82	17.5x60.7	17x85	30x85	17.5x82	26x73	25.5x82	30x99	17.5x60.7	66x103	
tubes per rotor	32	28	32	28	8	28	12	16	8	32	4	
max. RCF <sup>2)</sup>	2,952	3,059	2,952	3,095		3,005	2,826	2,898	3,023	2,952	3,095	
radius in mm	165	171	165	173		168	158	162	169	165	173	
run-up in sec												42
run-down in sec, braked												51
temperature in °C <sup>1)</sup>												-3

1) Lowest attainable temperature in precooled refrigerated centrifuges at max. speed. Lower temperatures can be attained by reducing the speed.  
 2) Please note that the RCF values indicated refer only to rotor performance. The max. permissible RCF of tubes used should be verified with the individual manufacturers. The max. RCF for glass tubes annotated with footnote <sup>2)</sup> is 4,000.  
 3) When using these tubes, carrier 1560 cannot be closed with lid 1561.  
 4) Please remove the inserts.