

Rotor program

Table 1: Rotor program (1)

Rotor designation	fixed-angle rotor 6 x 50 ml Falcon	swinging bucket rotor 4 x 100	swinging bucket rotor 12 x 1.5 / 2.0
order no.	7500 7590	7500 7591	7500 7592
	buckets and caps see Table 2		
maximum permissible load [g]	6 x 130	4 x 200	12 x 4
maximum speed n_{\max} [min^{-1}]	8,500	4,000	13,000
maximum RCF value at n_{\max}	10,015	2,525	16,438
radius max./min. [cm]	12.4 / 6.0	14.1 / 5.0	8.7 / 4.7
angle [°]	45	90	90
acceleration/braking time [s]	55 / 36	26 / 21	42 / 42
min. temperature at n_{\max} [°C]* * relative to room temperature 23°C	- 1	- 9	4
k factor [S × h]	2.545	16.801	3.690
aerosol-tight	yes (reduced filling)	yes	no
permissible temperature range autoclavable (number of cycles)	– 121 °C; (unlimited)	– no	– no