

## Rotor program

Table 1: Rotor program (1)

Rotor designation	<b>fixed-angle rotor 6 x 50 ml Falcon</b>	<b>swinging bucket rotor 4 x 100</b>	<b>swinging bucket rotor 12 x 1.5 / 2.0</b>
order no.	<b>7500 7590</b>	<b>7500 7591</b>	<b>7500 7592</b>
	buckets and caps see Table 2		
maximum permissible load [ g ]	6 x 130	4 x 200	12 x 4
maximum speed $n_{\max}$ [ $\text{min}^{-1}$ ]	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