

## SORVALL® SUPRASPEED® ROTORS

ROTOR	MAXIMUM SPEED (rpm)	MAXIMUM RCF <sup>1</sup>	K FACTOR <sup>2</sup>	MAXIMUM RADIUS (cm)	CAPACITY (ml)		TUBE ANGLE	APPLICATION NOTES <sup>3</sup>	PAGE NO.
					PLACES x VOLUME	TOTAL			
<b>FIXED-ANGLE</b>									
F-28/50	28,000	100,446	337	11.47	10 × 50	500	34°	General preparative applications, protein precipitation. Subcellular fractionation and virus isolation. Subcellular fractionation and virus isolation, Cytosol Prep. General research; large volume.	B-6
F-28/36	28,000	100,096	198	11.43	12 × 36	432	23.5°		B-8
F-28/13	28,000	100,096	143	11.43	16 × 12.5	200	23.5°		B-10
F-16/250	16,000	38,889	1,295	13.60	6 × 250	1,500	23°		B-12
<b>SWINGING-BUCKET</b>									
S-20/36	20,000	71,935	508	16.10	6 × 36	216	—	Large volume viral and subcellular particle isolations. Pelleting of subcellular fractions. Gradient isolation of subcellular particles, viruses and lipoproteins.	B-14
S-20/20	20,000	57,771	369	12.93	6 × 20	120	—		B-15
S-20/17	20,000	74,124	598	16.59	6 × 17	102	—		B-16

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## SUPRASPEED® ROTOR TO CENTRIFUGE CROSS-REFERENCE

SUPRASPEED® ROTORS	CENTRIFUGES						
	MAXIMUM SPEED (rpm)						
	RC-28S	RC-26 Plus	RC-24 <sup>5</sup>	RC-5C Plus RC-5C <sup>4,5</sup>	RC-5B Plus RC-5B <sup>5</sup>	RC-5 <sup>5</sup>	RC-2B <sup>5</sup>
F-28/50	28,000	20,000	19,500	19,500	19,500	19,500	19,500
F-28/36	28,000	18,000	18,000	18,000	18,000	18,000	18,000
F-28/13	28,000	19,500	19,500	19,500	19,500	19,500	19,500
F-16/250	16,000	14,500	14,500	14,000	14,000	14,000	14,000
S-20/36	20,000	8,000	8,000	8,000	8,000	8,000	8,000
S-20/20	20,000	12,000	12,000	12,000	12,000	12,000	12,000
S-20/17	20,000	8,000	8,000	8,000	8,000	8,000	8,000

<sup>(1)</sup>RCF calculated for maximum rotor radius.

<sup>(2)</sup>K Factor calculated assuming maximum allowable volume in a sealed tube.

<sup>(3)</sup>Listed are examples of popular applications. In practice, other rotors may be selected depending on individual requirements.

<sup>(4)</sup>May require Software Update Kit.

<sup>(5)</sup>Instrument no longer available.