

ROTOR	MAXIMUM SPEED (rpm)	MAXIMUM RCF <sup>1</sup>	K FACTOR <sup>2</sup>	MAXIMUM RADIUS (cm)	CAPACITY (ml)		TUBE ANGLE	APPLICATION NOTES <sup>4</sup>	PAGE NO.
					PLACES × VOLUME	TOTAL			
<b>FIXED-ANGLE</b>									
SE-12	26,000	70,450	335	9.33	12 × 14	168	40°	Small volume; general preparative applications.	B-26
SA-300	25,000	67,509	573	9.67	6 × 50	300	34°	General preparative; high <i>g</i> force.	B-27
SS-34	20,500	50,228	714	10.70	8 × 50	400	34°	General preparative application; protein precipitation.	B-30
SM-24	20,500 20,500	51,965/ 42,717 <sup>3</sup>	434/ 591 <sup>3</sup>	11.07/ 9.10 <sup>3</sup>	24 × 16	384	28°	Multiple sample preparation.	B-32
F-20/MICRO	20,000	51,427	187	11.51	32 × 1.5	48	45°	Pelleting in microtubes.	B-33
SA-600	17,000	41,837	747	12.96	12 × 50	600	34°	General preparative application; protein precipitation.	B-34
SLA-600TC	13,000	27,750	913	14.70	12 × 50	600	34°	General research, tissue culture; sample concentration, purification in centrifugal filtration devices.	B-36
SLA-1000	16,500	35,793	1,725	11.77	4 × 250	1,000	23°	General research; large volume.	B-37
GSA	13,000	27,485	2,023	14.56	6 × 250	1,500	28°	General research; large volume.	B-39
SLA-1500	15,000	34,155	1,475	13.59	6 × 250	1,500	23°	General research; large volume.	B-41
GS-3	9,000	13,689	4,203	15.13	6 × 500	3,000	20°	Large volume preparative applications; cell harvesting.	B-43
SLA-3000	12,000	24,336	2,364	15.13	6 × 500	3,000	20°	Large volume preparative applications; cell harvesting.	B-44
SH-MT	20,000	Varies with tube size			60 × 1.8	108	90°	Pelleting in microtubes; high speed.	B-46
<b>SWINGING-BUCKET</b>									
SH-80	20,000	45,395	400	10.16	8 × 10	80	—	Pelleting of large subcellular particles and viruses; rate zonal density gradient.	B-47
HB-6	13,000	27,617	1,765	14.63	6 × 50	300	—	Pelleting of protein precipitates and cellular debris; rate zonal isolation of cells.	B-48
HS-4 (1 PI)	7,500	10,826	3,912	17.23	4 × 250	1,000	—	General research; RIA.	B-52
SH-3000	4,700	4,575	8,138	18.54	4 × 750	3,000	—	General use, clinical and research; microplate capacity, sealed buckets available for pathogens.	B-56
<b>VERTICAL</b>									
SV-288	20,000	40,301	210	9.02	8 × 36	288	0°	Density gradient isolation; large virus.	B-59
SV-80	19,000	40,969	98	10.16	16 × 5	80	0°	Density gradient isolation; large virus.	B-60
<b>ZONAL</b>									
TZ-28	20,000	42,580	612	9.53	1 × 1,350	1,350	—	Density gradient isolation; whole cell.	B-61
<b>CONTINUOUS-FLOW</b>									
TZ-28/GK	19,000	38,428	678	9.53	—	1,350	—	Large volume pelleting; dilute suspensions.	B-62
SS-34/KSB	20,000	47,808	750	10.70	—	400	—	Large volume pelleting; dilute suspensions.	B-63

<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>Outer row value/inner row value.

<sup>(4)</sup>Listed are examples of popular applications. In practice, other rotors may be selected depending on individual requirements.