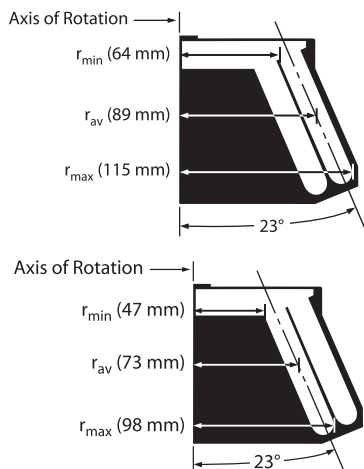


1



Fixed-Angle Rotor, Aluminum

Major applications: High-force, large-volume separation of particles with 100 S or larger sedimentation coefficients.

	Max. RPM	Max. g	k Factor	Number of Tubes Volume/Size	Rotor Capacity
Outer Row	20 000	51 500	371	32 x 15 mL 18 x 99 mm	480 mL
Inner Row	20 000	43 900	465	0.625 x 4 in	

For use in Avanti J Series centrifuges.

No. 342095. JA-20.1 Fixed-Angle Rotor for 20 000 rpm operation.

Tubes and Bottles

Tube Style/Material	Nominal Volume per Tube (mL)	Part No.	Quantity	Cavity Diameter (mm)	Required Adapters	Tubes per Adapter	g-Force	k Factor*	Maximum Speed (Outer Row)
Bottles with Screw-On Caps									
Polycarbonate	10.0	355672	25	16 x 80	342327	1	47 900	325	20 000
Open-Top Tubes									
Thickwall Polypropylene	10.0	355640	25	16 x 76	342327	1	47 900	325	20 000
Thickwall Polycarbonate	10.0	355630	25	16 x 76	342327	1	47 900	325	20 000
	15.0	342080	100	18 x 98	—	—	51 500	371	20 000
Thickwall Polyethylene	15.0	342081	100	18 x 98	—	—	51 500	371	20 000
Thickwall Polypropylene	15.0	342082	100	18 x 98	—	—	51 500	371	20 000

Adapters for Non-Beckman Coulter Tubes/Bottles

Round Bottom	3.0	—	—	12 x 75	342329 (qty. of 1)	1	—	—	—
	5.0	—	—	12 x 75	356971 (qty. of 1)	1	—	—	—
	8.0	—	—	13 x 100	356977 (qty. of 1)	—	—	—	—
	15.0	—	—	16 x 99	342348 (qty. of 1)	1	—	—	—
	15.0	—	—	18 x 99	342643 (qty. of 1)	1	—	—	—

Caps for 15-mL Tubes

343656 Caps (box of 50) for 342080, 342081, and 342082 Tubes

Rotor Replacement Parts

- 834301 O-ring for Rotor Lid
- 811656 O-ring for Rotor Body
- 358368 Lid Attachment Bolt Assembly
- 341976 Rotor Lid
- 364915 Tie-down Kit
- 392889 Hold-down Knob, for use with filtration tubes regularly run without lid (in J2/J6 centrifuges only)
- 338896 Rotor Removal Tool
- 338689 Adapter Collar for 338896 Rotor Removal Tool

* Measured using the outer row of tubes.

Adapters

342327



JA-20

BIOC

8 x 50 mL

JA-20

**Fixed-Angle Rotor, Aluminum**

Major applications: Harvesting bacteria and cell membranes, processing tissue homogenates, separating cell particulates.

Max. RPM	Max. g	k Factor	Number of Tubes Volume/Size	Rotor Capacity
20 000	48 400	769	8 x 50 mL 29 x 104 mm 1.125 x 4 in	400 mL

For use in Avanti J Series centrifuges.

No. 334831. JA-20 Fixed-Angle Rotor for 20 000 rpm operation.

Tubes and Bottles

Tube Style/Material	Minimum Volume per Tube (mL)	Part No.	Quantity	Cavity Diameter (mm)	Required Adapters	Tubes per Adapter	g-Force	k Factor	Maximum Speed
---------------------	------------------------------------	----------	----------	----------------------------	----------------------	----------------------	---------	----------	------------------

Bottles with Screw-On Caps

Polyethylene	50.0	357003	25	29 x 104	—	—	48 400	769	20 000
Polycarbonate	10.0	355672	25	16 x 80	342327/870329	1	43 500	650	20 000
	50.0	357002	25	29 x 104	—	—	48 400	769	20 000

Bottles with Cap Assemblies

Polypropylene	50.0	357001	6	29 x 104	—	—	48 400	769	20 000
Polycarbonate	50.0	357000	6	29 x 104	—	—	48 400	769	20 000

Tubes with Snap-On Caps

Polypropylene	Natural	1.5	357448	500	11 x 38	344497*	6	48 400	769	20 000
Thickwall Polycarbonate		50.0	363647	25	29 x 104	—	—	48 400	769	20 000
Polyethylene		1.8	340196	500	11 x 39	344497*	6	48 400†	769	20 000
Thickwall Polypropylene		50.0	357005	25	29 x 104	—	—	48 400	769	20 000
	Orange	1.5	356094	500	11 x 38	344497*	6	48 400	769	20 000
	Yellow	1.5	356093	500	11 x 38	344497*	6	48 400	769	20 000
	Blue	1.5	356091	500	11 x 38	344497*	6	48 400	769	20 000
	Natural	1.5	356090	500	11 x 38	344497*	6	48 400	769	20 000

Open-Top Tubes

Thickwall Polypropylene		50.0	357007	25	29 x 104	—	—	48 400	769	20 000
-------------------------	--	------	--------	----	----------	---	---	--------	-----	--------

Adapters for Non-Beckman Coulter Tubes/Bottles

Round Bottom	5.0	—	—	12 x 75	356970 (qty. of 1)	1	—	—	—
	8.0	—	—	13 x 100	356976 (qty. of 1)	1	—	—	—
	15.0	—	—	18 x 80	870329 (qty. of 1)	1	—	—	—
	30.0	—	—	29 x 104	870331 (qty. of 1)	1	—	—	—

Rotor Replacement Parts

870612	O-ring for Rotor Lid
811656	O-ring for Rotor Hub
364914	Tie-down Kit
368998	Rotor Lid
392889	Hold-down Knob, for use with filtration tubes regularly run without lid (in J2/J6 centrifuges only)
338896	Rotor Removal Tool
338689	Adapter Collar for 338896 Rotor Removal Tool

Cap Assembly Replacement Parts

356284	Cap for 357000 and 357001 Bottle
358627	Insert for 357000 and 357001 Cap Assembly; order only as a replacement part
961582	O-ring for 357000 and 357001 Bottle

* Can be double-stacked. Force will vary depending on tube position.

† Calculated at r_{max}. g-force will be less for tubes located in upper adapter when adapters are stacked. Force will also vary depending on tube position in adapter.**Adapters**

342327 344497 870329

