

F18-12x50 mL

Fixed Angle Carbon Fiber Rotor

12x50 mL



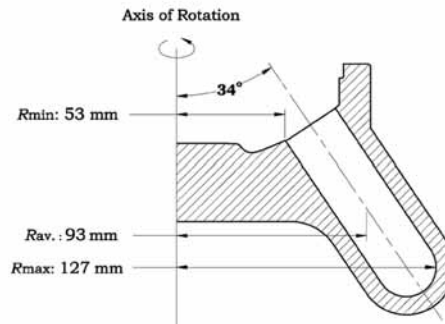
for
**Sorvall, Beckman, Jouan, and Hitachi
Centrifuges**

Features

- Lifetime warranty
- Safer than metallic rotors
- Corrosion free
- Cold room compatible
- Easy to handle
- Fully autoclavable
- Reduced wear on centrifuge drive
- Rapid acceleration and deceleration
- Highly resistant to radiolabel contamination

Applications

- Subcellular fractions harvesting of bacteria, lysate clarifications, and cell membranes processing
- Sucrose gradient isolation of mitochondria
- Endoplasmic reticulum
- Gradient separation of cells with Percoll, Ficoll or Optiprep gradients



Specifications

- Max. Speed: 18,000 rpm
This rotor will run at 16,500 rpm in Sorvall RC2/RC5 Series.
- Max. g-force: 46,086 x g
- Max. radius (r_{max}): 127 mm
- Min. radius (r_{min}): 53 mm
- Tube Angle: 34°
- k factor: 682
- Rotor Capacity: 12 x 50 mL (600 mL)
- Max Tube Size: $\phi 29 \times 105$ mm (1.12 x 4 in.)
- Rotor Mass: 6.87 kg (15.16 lbs.)
- Liquid Containment: No

Unique Features

- Multipurpose high speed rotor for some density gradients
- Pelleting and clarifying cell lysates







High / Super

	For Sorvall Centrifuge	For Beckman Centrifuge		For Jouan Centrifuge		For Hitachi Centrifuge
FIBERLite Rotor Model	F18S-12x50	F18B-12x50	F18BA-12x50	F18J-12x50	F18J-12x50	F18HI-12x50
FIBERLite Part No.	096-124022	096-124011	096-124032	096-124034	096-124038	096-124035
Will Spin In	RC2/RC5/RC6/RC26/Evolution RC	J2-21 Series	Avanti Series	KR22i	KR25i	CR21/22 Series
Will Replace	SLA-600	JA-17	JA-17	AK 50.17	AK 50.17	No Equivalent
Rotor Accessories and Replacement Parts						
Lid Assembly	099-124022	099-124011	099-124032	099-124034	099-124038	099-124035
O-Ring Refresher Kit	021-124022	021-124011	021-124032	021-124034	021-124038	021-124035
Extraction Tool	017-124022	017-124011	017-124032	017-124034	017-124038	017-124035

Recommended Bottles with Cap Assemblies

Tube Style Material	Part No.	Volume (Nominal)	Tube Manufacturer Recommended g-Force
Polypropylene (Set of 2)	010-0332	50 mL	60,000 x g
Polycarbonate (Set of 2)	010-0507	50 mL	60,000 x g
Polyallomer (Set of 2)	010-1160	50 mL	60,000 x g

Recommended Adapters

010-1127 50 mL to 4x1.0 mL		010-1128 50 mL to 3.0 mL		010-1068 50 mL to 8.0/10 mL		010-1144 50 mL to 12 mL	
010-0382 50 mL to 15 mL		010-1123 50 mL to 15 mL Conical		010-0167 50 mL to 30 mL	