

Superspeed Rotors

Thermo Scientific SS-34 Rotor



ROTOR SPECIFICATIONS

Type	Fixed Angle
Material	Aluminum
Capacity	8 x 50 mL
Maximum Speed	20,500 rpm ¹
Maximum Sample Density	1.2 g/mL
Tube Dimensions Ø x L	29 x 108 mm
Angle	34°
K Factor	714
Net Weight	6.8 kg/15.0 lbs
Warranty	10 years
Certifications	

	RCF	RADIUS
Maximum	50,228 xg	107.0 mm
Minimum	15,350 xg	32.7 mm

ROTOR AND ACCESSORIES ORDERING INFORMATION

		SORVALL RC-6 Plus Series	THERMO SCIENTIFIC SORVALL Evolution RC Series	SORVALL RC-5 Plus Series
SS-34	Max. Speed	20,000 rpm	20,500 rpm	20,000 rpm
	Max. RCF	47,808 xg	50,230 xg	47,808 xg

SS-34 Rotor Package includes:

Description	Cat. No.
SS-34 Rotor	28020
Vacuum Grease	76003500
Lubricant	70006692
Rotor Cover Assembly	28018
Cover O-ring	60188
Rotor Extractor	01031
Instruction Manual	28505

Accessories:

Description	Cat. No.
O-ring	60189
Ultracrimp Sealing Tool and Crimp Gauge	03920
Crimp Gauge Replacement	03919
Extra Plugs and Caps	03999
Rotor Cap	03538
Locking Nut	13017

Refer to manufacturer's recommendations for product performance information, including cycle limits and chemical compatibility limitations.

 Biocontainment certification by the Public Health England, Porton Down, UK, shown to be suitable for use with materials up to ACDP Category 3 as categorized by the Advisory Committee on Dangerous Pathogens.

LABWARE ORDERING INFORMATION

Tube Vol. (mL)	Vol. Fill (mL)	Description	Cat. No.	Qty. /Pkg.	Tubes /Rotor	Max. Speed (rpm)	Max. RCF (xg)	Dims ØxL (mm)	REQUIRED TUBE CLOSURES, ADAPTERS, TOOLS & ACCESSORIES			
									Type	Cat. No.	Qty. /Pkg.	Description
50.0	50.0	PA Ultracrimp Tube	03528	25	8	20,500	50,228	29 x 108	Closure	Included	25	Plugs and Aluminum Caps
									Accessory	03538	1	Rotor Cap
									Accessory	03529	2	Tube Racks
									Accessory	03920	1	Crimp Sealing Tool
50.0	37.0	PP Flanged Tube	03147	25	8	20,500	50,228	29 x 102	Closure	03268	25	PP Snap-on
50.0	36.0	PC Flanged Tube	03146	25	8	20,500	50,228	29 x 102	Closure	03268	25	PP Snap-on
50.0	46.0	PA Thin-Walled Tube	03139	25	8	20,500	50,228	28 x 104	—	—	—	—
50.0	46.0	Nalgene™ FEP Oak Ridge Tube	3114-0050	10	8	20,500	50,228	28 x 108	Closure	Included	10	FEP Sealing
50.0	43.0	Nalgene PC Oak Ridge Style Tube	3138-0050	50	8	20,500	50,228	29 x 107	Closure	Included	50	PP Sealing
50.0	43.0	Nalgene PPCO Oak Ridge Style Tube	3139-0050	50	8	20,500	50,228	29 x 107	Closure	Included	50	PP Sealing
50.0	50.0	SS Flanged Tube	00517	1	8	20,500	50,228	28 x 101	Closure	00518	1	Stainless Steel Sealing Wrench
									Tool	01014	1	
30.0	28.0	Nalgene PC Oak Ridge Tube	3138-0030	50	8	20,500	50,228	26 x 102	Closure	Included	50	PP Sealing
									Adapter	75003027	1	1 place/adapter
30.0	28.0	Nalgene PP Oak Ridge Tube	3139-0030	50	8	20,500	50,228	26 x 102	Closure	Included	50	PP Sealing
									Adapter	75003027	1	1 place/adapter
30.0	—	Glass Tube	—	—	8	—	—	24 x 106	Adapter	00368	1	Optional Caps
16.0	13.0	PP Flanged Tube	03244	50	8	20,500	50,228	18 x 100	Closure	03299	50	HDPE Sealing
									Adapter	75003026	1	1 place/adapter
16.0	14.0	PC Flanged Tube	03243	50	8	20,500	50,228	18 x 100	Closure	03269	50	HDPE Sealing
									Adapter	75003026	1	1 place/adapter
12.0	12.0	GL Pyrex™ Tube	03109	50	8	5,000	2,988	18 x 102	Adapter	00363	1	1 place/adapter
12.0	10.0	PP Flanged Tube	03116	50	8	20,500	50,228	16 x 100	Closure	03266	50	PP Snap on
									Adapter	00402	1	1 place/adapter
12.0	11.0	PC Flanged Tube	03115	50	8	20,500	50,228	16 x 100	Closure	03266	50	PP Snap on
									Adapter	00402	1	1 place/adapter
10.0	9.1	PP Oak Ridge Tube	03929	50	8	20,500	50,228	16 x 80	Closure	03279	25	PP Snap on
									Adapter	75003024	1	1 place/adapter
10.0	9.1	PC Oak Ridge Tube	03020	25	8	20,500	50,228	16 x 80	Closure	03279	25	PP Sealing
									Adapter	75003024	1	1 place/adapter
10.0	9.0	PA Thin-Walled Tube	03124	50	8	20,500	50,228	13 x 100	Adapter	00473	1	1 place/adapter
7.0	6.0	PC Flanged Tube	03120	50	8	20,500	50,228	13 x 100	Closure	03265	50	PP Snap-On
									Adapter	00473	1	1 place/adapter
7.0	6.0	PP Flanged Tube	03121	50	8	20,500	50,228	13 x 100	Closure	03265	50	PP Snap-On
									Adapter	00473	1	1 place/adapter
4.0	3.0	PP Flanged Tube	03105	50	8	20,500	50,228	11 x 75	Closure	03264	50	PP Snap-On
									Adapter	75003023	1	1 place/adapter
4.0	3.0	PC Flanged Tubes	03104	50	16	20,500	50,228	11 x 75	Closure	03264	50	PP Snap-On
									Adapter	00381	1	2 places/adapter
3.0	3.0	GL Pyrex Tubes	03100	50	16	5,000	50,228	10 x 75	Adapter	00364	1	2 places/adapter
1.5	1.5	Conical Microtube	314352H01	100	16	20,500	50,228	11 x 40	Adapter	75003023	1	2 places/adapter
1.5	1.5	Conical Microtube	—	—	16	20,500	50,228	11 x 42	Adapter	75003023	1	2 places/adapter

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Find out more at thermofisher.com/rotors

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