


Superspeed Rotors

Thermo Scientific A23-6x100 Rotor



ROTOR SPECIFICATIONS

Type	Fixed Angle
Material	Aluminum
Capacity	6 x 100 mL
Maximum Speed	23,500 rpm
Tube Dimensions Ø x L	38.0 x 105.0 mm
Angle	25°
K Factor	503
Net Weight	7.2 kg /15.8 lbs
Warranty	10 years
Certifications	

	RCF	RADIUS
Maximum	62,976 x g	102 mm
Minimum	20,992 x g	34 mm

ROTOR AND ACCESSORIES ORDERING INFORMATION

		THERMO SCIENTIFIC	
		SORVALL LYNX 6000	SORVALL LYNX 4000
A23-6x100	Max. Speed	23,500 rpm	21,100 rpm
	Max. RCF	62,976 x g	50,290 x g

A23-6x100 Rotor Package includes:

Description	Cat. No.
A23-6x100 Rotor	75003006
85 mL Nalgene PPCO Oak Ridge Tube with Sealing Cap (qty. 6)	3118-0085
Vacuum Grease	76003500
Lubricant for Metal Parts	75003786
Instruction Manual CD	50136234
Retaining Ring Pliers	65614

Accessories:

Description	Cat. No.
Rotor Stand	75003711

LABWARE ORDERING INFORMATION

Tube Vol. (mL)	Vol. Fill (mL)	Description	Cat. No.	Qty. /Pkg.	Tubes /Rotor	Max. Speed (rpm)	Max. RCF ¹ (x g)	Dims ØxL (mm)	REQUIRED TUBE CLOSURES, ADAPTERS, TOOLS & ACCESSORIES			
									Type	Cat. No.	Qty. /Pkg.	Description
94.0	70.0	PP Thick-Walled Tube	76002872	1	8	23,500	62,976	38 x 105	Closure	75001568	1	Sealing Cap
94.0	90.0	PC Screw Cap Tube	75002829	1	8	23,500	62,976	38 x 105	Closure	75001540	1	Sealing Cap
94.0	70.0	PC Screw Cap Tube	75002810	1	8	23,500	62,976	38 x 105	Closure	75001568	1	Sealing Cap
85.0	81.0	Nalgene™ PC Oak Ridge Tube	3118-0085	100	8	23,500	62,976	29 x 114	Closure	Included	100	PP Sealing Cap
50.0	37.0	PP Flanged Tube	03147	25	8	23,500	62,976	29 x 102	Closure Adapter	03268 75003102	25 1	PP Snap-on 1 place/adaptor

 Biocontainment certification by Public Health England, Porton Down, UK. Refer to manufacturer's recommendations for product performance information.

LABWARE ORDERING INFORMATION continued

Tube Vol. (mL)	Vol. Fill (mL)	Description	Cat. No.	Qty. /Pkg.	Tubes /Rotor	Max. Speed (rpm)	Max. RCF ¹ (x g)	Dims ØxL (mm)	REQUIRED TUBE CLOSURES, ADAPTERS, TOOLS & ACCESSORIES			
									Type	Cat. No.	Qty. /Pkg.	Description
50.0	36.0	PC Flanged Tube	03146	25	8	23,500	62,976	29 x 102	Closure	03268	25	PP Snap-on
									Adapter	75003102	1	1 place/adapter
50.0	46.0	Nalgene FEP Oak Ridge Tube	3114-0050	10	8	23,500	62,976	29 x 108	Closure	Included	10	FEP Sealing
									Adapter	75003102	1	1 place/adapter
50.0	43.0	Nalgene PC Oak Ridge Tube	3138-0050	50	8	23,500	62,976	29 x 107	Closure	Included	50	PP Sealing
									Adapter	75003102	1	1 place/adapter
50.0	43.0	Nalgene PP Oak Ridge Tube	3139-0050	50	8	23,500	62,976	29 x 107	Closure	Included	50	PP Sealing
									Adapter	75003102	1	1 place/adapter
50.0	45.0	Conical Tissue Culture Tube	–	–	6	17,000	32,956	30 x 121	Adapter	75003103	–	1 place/adapter
50.0	43.0	Round Bottom Tube	–	–	6	23,500	62,976	30 x 117	Adapter	75003102	–	1 place/adapter
38.0	35.0	Round Bottom Tube	–	–	6	23,500	62,976	26 x 110	Adapter	75003094	–	1 place/adapter
30.0	28.0	PC Oak Ridge Tube	314348	25	8	23,500	62,976	25 x 94	Closure	314347	1	Aluminum Sealing Assembly
									Adapter	75003027	1	1 place/adapter
									Adapter	75003102	–	1 place/adapter
									Tool	314353	1	Tube Extractor Tool
30.0	28.0	PP Oak Ridge Tube	314349	25	8	23,500	62,976	25 x 94	Closure	314347	1	Aluminum Sealing Assembly
									Adapter	75003027	1	1 place/adapter
									Adapter	75003102	1	1 place/adapter
									Tool	314353	1	Tube Extractor Tool
30.0	28.0	PP Tube	75002951	10	8	23,500	62,976	18 x 100	Closure	75002957	10	PP Stopper
									Adapter	75003102	1	1 place/adapter
16.0	16.0	Nalgene PC Oak Ridge Tube	3138-0016	50	6	23,500	62,976	18 x 123	Adapter	76002906	–	1 place/adapter
16.0	16.0	Nalgene PP Oak Ridge Tube	3139-0016	50	6	23,500	62,976	18 x 123	Adapter	76002906	–	1 place/adapter
15.0	15.0	Conical Tissue Culture Tube	–	–	6	17,000	32,956	17 x 123	Adapter	75003095	–	1 place/adapter
12.0	11.0	PC Flanged Tube	03115	50	8	23,500	62,976	16 x 100	Closure	03266	50	PP Non-sealing
									Adapter	00402	1	1 place/adapter
									Adapter	75003102	1	1 place/adapter
12.0	12.0	Round Bottom Tube	–	–	12	23,500	62,976	16 x 95	Adapter	75003093	–	2 places/adapter
10.0	9.1	PP Oak Ridge Tube	03929	50	8	23,500	62,976	16 x 80	Closure	03279	25	PP Sealing
									Adapter	75003024	1	1 place/adapter
									Adapter	75003102	1	1 place/adapter
10.0	9.1	PC Oak Ridge Tube	03020	25	8	23,500	62,976	16 x 80	Closure	03279	25	PP Sealing
									Adapter	75003024	1	1 place/adapter
									Adapter	75003102	1	1 place/adapter
7.0	6.0	PC Flanged Tube	03120	50	8	23,500	62,976	13 x 100	Closure	03265	50	PP Snap-on
									Adapter	00473	1	1 place/adapter
									Adapter	75003102	1	1 place/adapter
6.5	6.5	Round Bottom Tube	–	–	12	23,500	62,976	13 x 114	Adapter	75003092	–	2 places/adapter
4.0	3.0	PC Flanged Tube	03104	50	16	23,500	62,976	11 x 75	Closure	03264	50	PP Snap-on
									Adapter	75003023	1	2 places/adapter
									Adapter	75003102	1	1 place/adapter
3.5	3.5	Round Bottom Tube	–	–	24	23,500	62,976	11 x 100	Adapter	75003091	–	4 places/adapter
1.5/2.0	–	Conical Microtube	–	–	24	23,500	62,976	11 x 40	Adapter	76002905	–	4 places/adapter

² Listed Max Speeds for Conical Disposable tubes may be higher than OEM tube specifications and may result in crazing and other cosmetic damage to the tube. Do not use these tubes more than once. Refer to manufacturer's recommendations for product performance information.

Find out more at thermofisher.com/rotors

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