

## Sorvall Tabletop Centrifuge RCF Chart

Instrument	Pico / Fresco		Primo / Primo R					
Rotor	Fixed Angle 75003325 or 75003328	PCR-Rotor 75003327	Microliter Rotor 75007599 24x1.5/2ml	Microliter Rotor 75007593 24x1.5/2ml	Swinging Bucket Microliter 75007592 12x1.5/2ml	Swinging Bucket 75007591 w/bucket 75007555 4x100ml	Drum Rotor 75007595 80 x 1.5/2ml	Fixed Angle Highconic Rotor 75007588
Buckets								
Max Radius (cm)	8.5	6.8	8.5	8.7	12.0	14.5	8.6	12.2
RPM	Realized Centrifugal Force (RCF)							
500	24	19	24	24	34	41	24	34
1,000	95	76	95	97	134	162	96	136
1,500	214	171	214	219	302	365	216	307
2,000	380	304	380	389	537	648	385	546
2,500	594	475	594	608	839	1,013	601	852
3,000	855	684	855	875	1,207	1,459	865	1,228
3,500	1,164	931	1,164	1,192	1,643	1,986	1,178	1,671
4,000	1,520	1,216	1,520	1,556	2,147	2,594	1,538	2,182
4,500	1,924	1,539	1,924	1,970	2,717		1,947	2,762
5,000	2,376	1,901	2,376	2,432	3,354		2,404	3,410
5,500	2,875	2,300	2,875	2,942	4,058		2,908	4,126
6,000	3,421	2,737	3,421	3,502	4,830		3,461	4,910
6,500	4,015	3,212	4,015	4,109	5,668		4,062	5,763
7,000	4,656	3,725	4,656	4,766	6,574		4,711	6,683
7,500	5,345	4,276	5,345	5,471	7,547		5,408	7,672
8,000	6,082	4,866	6,082	6,225	8,586		6,153	8,729
8,500	6,866	5,493	6,866	7,027	9,693		6,947	
9,000	7,697	6,158	7,697	7,879	10,867		7,788	
9,500	8,576	6,861	8,576	8,778	12,108		8,677	
10,000	9,503	7,602	9,503	9,727	13,416		9,615	
10,500	10,477	8,382	10,477	10,724	14,791		10,600	
11,000	11,499	9,199	11,499	11,769	16,233		11,634	
11,500	12,568	10,054	12,568	12,863	17,743		12,716	
12,000	13,684	10,947	13,684	14,006	19,319		13,845	
12,500	14,848	11,879	14,848	15,198	20,963			
13,000	16,060	12,848	16,060	16,438	22,673			
13,500				17,727				
14,000				19,064				
14,500				20,450				
15,000				21,885				

