

**SUPER T 21 RCF CHART**

These tables give the maximum RCF in *g* for all currently available SORVALL® rotors for Super T 21 applications up to 21,000 rpm. To find the average or minimum RCF, consult your rotor instruction manual for the average or minimum radius, and use the formula given below:  
 $K = [2.53 \times 10^{11} \ln (R_{max}/R_{min})] / (rpm)^2$        $RCF = 11.17r (rpm/1000)^2$     where *r* = radius in centimeters

<b>ROTOR: RADIUS, max. cm:</b>	<b>SL-50T</b>	<b>SL-250T</b>	<b>ST-MICRO</b>	<b>ST-H50</b>	<b>ST-H750</b>	<b>STH-750 MPC 15.02</b>
	<b>10.70</b>	<b>11.77</b>	<b>10.06</b>	<b>14.63</b>	<b>18.54</b>	
<b>RPM</b>	<b>RCF</b>					
500	30	33	28	41	52	42
1,000	120	131	112	163	207	168
1,500	269	296	253	368	466	377
2,000	478	526	449	654	828	671
2,500	747	822	702	1,021	1,294	1,049
3,000	1,076	1,183	1,011	1,471	1,864	1,510
3,500	1,464	1,611	1,377	2,002	2,537	2,055
4,000	1,912	2,104	1,798	2,615	3,313	2,684
4,300	2,210	2,431	2,078	3,022	3,829	3,102
4,500	2,420	2,662	2,275	3,309	K = 11,246	
5,000	2,988	3,287	2,809	4,085		
5,500	3,615	3,977	3,399	4,943		
6,000	4,303	4,733	4,045	5,883		
6,500	5,050	5,555	4,748	6,904		
7,000	5,856	6,442	5,506	8,007		
7,500	6,723	7,395	6,321	9,192		
8,000	7,649	8,414	7,192	10,459		
8,500	8,635	9,499	8,119	11,807		
9,000	9,681	10,649	9,102	13,237		
9,500	10,787	11,865	10,141	14,748		
10,000	11,952	13,147	11,237	16,342		
10,500	13,177	14,495	12,389	18,017		
11,000	14,462	15,908	13,597	19,773		
11,500	15,806	17,387	14,861	K = 2,465		
12,000	17,211	18,932	16,181			
12,500	18,675	20,542	17,558			
13,000	20,199	22,219	18,991			
13,500	21,782	23,961	20,479			
14,000	23,426	25,768	22,025			
14,500	25,129	27,642	23,626			
15,000	26,892	K = 2,233		25,283		
15,500	28,714		26,997			
16,000	30,597		28,767			
16,500	32,539		30,593			
17,000	34,541		32,475			
17,500	36,603		34,413			
18,000	38,724		36,408			
18,500	40,905		38,459			
19,000	K = 822		40,566			
19,500			42,729			
20,000			44,948			
20,500			47,224			
21,000			49,555			
			K = 198			

S00079