



# RPM vs. RCF for Centrifuges



**Demand a Higher Standard**

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Petroleum Testing Equipment  
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Model	Benchmark C & S*		Benchmark 2000		Melton**		Transport	
	LB14-C120C/ LBS-C120	LB14-D120C/ LBS-D120	LAB-C115C	LAB-D115C	C-4-115-C	D-4-115-C	D2	D4
Tip-to-tip Diameter (")	20.38	19.72	19.48	17	19.51	17	15.29	15.29
RPM	RCF	RCF	RCF	RCF	RCF	RCF	RCF	RCF
200	12	11	11	10			9	9
250	18	18	17	15			14	14
300	26	25	25	22			20	20
350	36	34	34	30			27	27
400	46	45	44	39			35	35
450	59	57	56	49			44	44
500	73	70	69	61			54	54
550	88	85	84	73			66	66
600	104	101	100	87			78	78
650	123	119	117	102			92	92
700	142	138	136	119			107	107
750	163	158	156	136			122	122
800	186	180	178	155			139	139
850	210	203	200	175			157	157
900	235	227	225	196			176	176
950	262	253	250	218			197	197
1000	290	281	277	242			218	218
1050	320	310	306	267			240	240
1100	351	340	336	293			263	263
1150	384	371	367	320			288	288
1200	418	404	399	349			314	314
1250	453	439	433	378			340	340
1300	490	475	469	409			368	368
1350	529	512	506	441			397	397
1400	569	550	544	474			427	427
1450	610	590	583	509			458	458
1500	653	632	624	545			490	490
1550	697	675	666	582			523	523
1600	743	719	710	620			557	557
1650	790	765	755	659			593	593
1700	839	812	802	700	803	700	629	629
1750	889	860	850	741	851	741	667	667
1800	940	910	899	784			705	705
1850	993	961	949	829			745	745
1900	1048	1014					786	786
1950	1104	1068					828	828
2000	1161	1123					871	871
2050	1220	1180					915	915
2100	1280	1238					960	960
2150	1341	1298					1006	1006
2200	1405	1359					1054	1054
2250	1469	1422						
2300	1535	1485						

\*The maximum speed for the Benchmark C is 2300 rpm; the maximum speed for the Benchmark S is 2000 rpm.

\*\*The Melton has one speed set point at 1750 rpm.