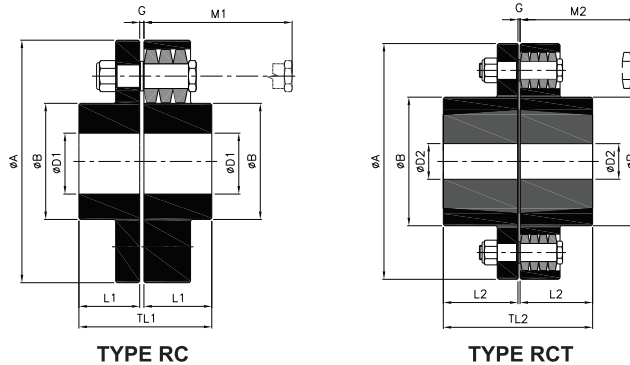


CONE-FLEX COUPLINGS TYPE RC / RCT



TECHNICAL DATA

Type	Size	POWER RATING						Max. Speed RPM	ØD1(RC)		#ØD2(RCT)		Dimensions								Wt. in Kg (Min. Bore)		M.I. (WR ²) Kg m ² (Min. Bore)			
		Nitrile Rubber		Polyurethane		HTrans			Min. Bore	Max. Bore	Min. Bore	Max. Bore	# Bush Size	ØA	ØB	L1	L2	G	TL1	TL2	RC M1	RCT M2	RC RC	RCT RC	RC RC	RCT RCT
		KW at 100 RPM	Rated Torque Nm	KW at 100 RPM	Rated Torque Nm	KW at 100 RPM	Rated Torque Nm																			
RC	020	0.56	53	0.84	80	1.40	134	6500	12	22	-	-	89	35	33	-	3	69	-	30	-	1.4	-	0.0015	-	
	030	1.2	115	1.8	172	3.0	286	5470	12	32	-	-	127	51	41	-	3	85	-	28	-	3.7	-	0.0078	-	
	038	2.0	191	3.0	286	5.0	477	5260	15	40	-	-	132	64	48	-	3	99	-	22	-	4.2	-	0.0095	-	
RC/RCT	042	3.0	286	4.5	430	7.5	716	4750	15	44	12	30	1215	146	70	56	38	3	115	79	14	32	5.6	5	0.0144	0.0163
	048	5.0	477	7.5	716	12.5	1194	4050	21	52	14	38	1615	171	81	61	38	3	125	79	28	52	6.4	9	0.0357	0.0346
	058	8.0	764	12.0	1146	20	1910	3600	21	62	14	45	2017	193	97	68	45	3	139	93	24	52	13	12	0.0588	0.0567
	070	11.0	1050	17	1576	28	2626	3220	21	74	16	60	2525	216	117	76	64	3	155	130	23	28	19	17	0.0980	0.0951
	075	27	2578	41	3867	68	6446	2730	28	80	16	60	2525	254	127	88	64	3	179	131	50	28	34	33	0.2882	0.2827
	085	37	3533	56	5300	93	8833	2480	28	92	24	75	3030	279	147	100	76	3	203	155	38	60	45	37	0.4337	0.4237
	105	56	5348	84	8021	140	13369	2100	34	114	35	90	3535	330	180	117	89	3	237	181	25	54	67	59	0.8767	0.8529
	120	94	8976	141	13465	235	22441	1880	61	130	40	100	4040	370	206	132	102	6	270	210	48	78	95	95	1.9162	1.8753
	135	128	12223	192	18335	320	30558	1660	67	144	55	110	4545	419	230	147	114	6	300	235	35	68	128	120	3.1724	3.1032
	150	167	15947	251	23921	418	39868	1520	82	160	70	125	5050	457	256	165	127	6	336	260	16	55	154	141	4.6277	4.4951
RC	170	262	25019	393	37529	-	-	1300	96	184	-	-	533	292	188	-	6	382	-	48	-	249	-	10.5670	-	
	190	360	34377	540	51566	-	-	1170	122	206	-	-	597	330	211	-	6	428	-	28	-	304	-	17.0054	-	
	215	471	44977	707	67466	-	-	1050	135	230	-	-	660	368	237	-	6	480	-	10	-	392	-	26.1883	-	
	240	788	75248	-	-	-	-	800	152	254	-	-	737	407	264	-	6	534	-	43	-	578	-	50.1718	-	
	265	1047	99981	-	-	-	-	700	165	286	-	-	826	457	292	-	6	590	-	15	-	775	-	81.8464	-	

- Notes :
- Maintain gap G at the time of assembly
 - For vertical installation contact RATHI.
 - Consult RATHI for Max Bore with Square Key.
 - # Available only with Taper Bore, without Taper Bush.
 - CONSULT RATHI FOR MAX SHALLOW KEYWAY.

Axial Misalignment : Size 020 to 058 : 2 mm (±), Size 070 to 135 : 3 mm (±), Size 150 to 215 : 2 mm (±), Size 240 to 265 : 1.5 mm (±)
 Angular Misalignment : Size 020 to 135 : 1°, Size 150 to 265 : 0.5°
 Radial Misalignment : Size 020 : 0.3 mm (±), Size 030 to 042 : 0.4 mm (±), Size 048 to 058 : 0.5 mm (±), Size 070 to 075 : 0.6 mm (±),
 Size 085 to 105 : 0.7 mm (±), Size 120 : 0.9 mm (±), Size 135 to 170 : 0.11 mm (±),
 Size 190 to 215 : 0.15 mm (±), Size 240 to 265 : 0.18 mm (±),

SPARE PARTS

Type RC			Type RCT				Pins and Nuts			Cone Rings		
Size	Pin Half Part No.	Bush Half Part No.	Size	Bush Size	Pin Half Part No.	Bush Half Part No.	Pin Part No.	Nut Size	No/per Coupling	Part No.	No/per Coupling	
RC-020	RC020/1	RC020/2	-	-	-	-	GC 3/4" /3/5	M 8	6	GC 3/4" /4	18	
RC-030	RC030/1	RC030/2	-	-	-	4						
RC-038	RC038/1	RC038/2	-	-	-	6					18	
RC-042	RC042/1	RC042/2	RCT-042	1215	RCT042/1	RCT042/2	GC 1 3/4" /3/5	M 10	8	GC 1" /4	24	
RC-048	RC048/1	RC048/2	RCT-048	1615	RCT048/1	RCT048/2					6	18
RC-058	RC058/1	RC058/2	RCT-058	2017	RCT058/1	RCT058/2					8	24
RC-070	RC070/1	RC070/2	RCT-070	2525	RCT070/1	RCT070/2	GC 1 3/4" /3/5	M 12	10	GC 1 3/4" /4	30	
RC-075	RC075/1	RC075/2	-	-	-	-					8	32
RC-085	RC085/1	RC085/2	RCT-085	3030	RCT085/1	RCT085/2					10	40
RC-105	RC105/1	RC105/2	RCT-105	3535	RCT105/1	RCT105/2	GC 2 3/4" /3/5	M 20	12	GC 2 3/4" /4	48	
RC-120	RC120/1	RC120/2	RCT-120	4040	RCT120/1	RCT120/2					10	40
RC-135	RC135/1	RC135/2	RCT-135	4545	RCT135/1	RCT135/2					12	48
RC-150	RC150/1	RC150/2	RCT-150	5050	RCT150/1	RCT150/2	GC 4 1/4" /3/5	M 24	14	GC 4 1/4" /4	56	
RC-170	RC170/1	RC170/2	-	-	-	-					10	40
RC-190	RC190/1	RC190/2	-	-	-	-					12	48
RC-215	RC215/1	RC215/2	-	-	-	-	GC 6 1/4" /3/5	M 36	14	GC 6 1/4" /4	56	
RC-240	RC240/1	RC240/2	-	-	-	-					12	48
RC-265	RC265/1	RC265/2	-	-	-	-					14	56