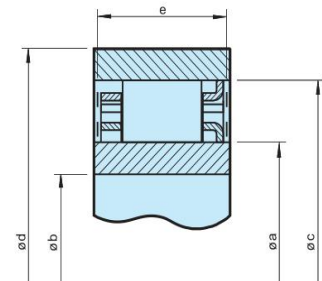
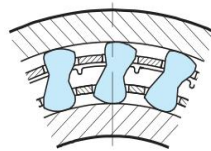


DC Series

Type DC is a sprag type freewheel cage without inner- or outer races. It must be installed in design-providing- races, bearing support for axial and radial loads, lubrication- and sealing. The DC type version-N accepts all types of lubricants currently used in the power transmission equipment. The sprag space tolerance must not be exceeded. Inner and outer races must both have a minimum plain width "e", without any recess, to ensure the freewheel functions correctly as shown on following pages.

Alternatively, races can be made in case hardened steel shafts, or housings, to the specification below. -Surface hardness of the finished part should be HRC 60 to 62, for a depth of 0,6 mm minimum. Core hardness is from HRC35 to 45. Surface roughness can not exceed 22CLA. Maximum taper between races:0,007 mm for 25 mm width.

Freewheel Clutch Bearings: DC Series



Motion(shanghai)Industrial Development Co.,Ltd

TYPE	T _{KN} ¹⁾ [Nm]	Overrunning speeds		Sprag space		e _{min} [mm]	Ød _{min} [mm]	Øb _{max} [mm]	Number clips of	Number sprags of	Weight [kg]	
		n _{imax} ²⁾ [min ⁻¹]	n _{amax} ³⁾ [min ⁻¹]	Øa ^{+0.008} [mm]	Øc ^{±0.013} [mm]							
DC2222G-N	63	8600	4300	22.225	38.885	8.33 ^{±0.075}	10	50	15	-	12	0.03
DC2776-N	119	6900	3400	27.762	44.422	8.33 ^{±0.075}	13.5	58	18	-	14	0.055
DC3034-N	124	6300	3100	30.34	47	8.33 ^{±0.075}	13.5	62	20	-	14	0.06
DC3175(3C)-N	159	6000	3000	31.75	48.41	8.33 ^{±0.075}	13.5	63	21	3	16	0.06
DC3809A-N	275	5000	2500	38.092	54.752	8.33 ^{±0.075}	16	71	25	-	18	0.085
DC4127(3C)-N	224	4600	2300	41.275	57.935	8.33 ^{±0.075}	13.5	75	27	3	18	0.09
DC4445A-N	363	4300	2100	44.45	61.11	8.33 ^{±0.1}	16	79	29	-	20	0.095
DC4972(4C)-N	306	3800	1900	49.721	66.381	8.33 ^{±0.1}	13.5	86	33	4	22	0.1
DC5476A-N	525	3500	1700	54.765	71.425	8.33 ^{±0.1}	16	92	36	-	24	0.11
DC5476A(4C)-	525	3500	1700	54.765	71.425	8.33 ^{±0.1}	16	92	36	4	24	0.13
DC5476B(4C)-	769	3500	1700	54.765	71.425	8.33 ^{±0.1}	21	92	36	4	24	0.18
DC5476C(4C)-	990	3500	1700	54.765	71.425	8.33 ^{±0.1}	25.4	92	36	4	24	0.2
DC5776A-N	604	3300	1600	57.76	74.42	8.33 ^{±0.1}	16	98	38	-	26	0.11
DC6334B-N	806	3000	1500	63.34	80	8.33 ^{±0.1}	21	104	42	-	26	0.175
DC7221(5C)-N	675	2600	1300	72.217	88.877	8.33 ^{±0.1}	13.5	115	48	5	30	0.14
DC7221B-N	1279	2600	1300	72.217	88.877	8.33 ^{±0.1}	21	115	48	-	30	0.185
DC7221B(5C)-	1279	2600	1300	72.217	88.877	8.33 ^{±0.1}	21	115	48	5	30	0.21
DC7969C(5C)-	2038	2400	1200	79.698	96.358	8.33 ^{±0.1}	25.4	124	53	5	34	0.28
DC8334C-N	2055	2300	1100	83.34	100	8.33 ^{±0.1}	25.4	132	55	-	34	0.27
DC8729A-N	1250	2200	1100	87.29	103.96	8.33 ^{±0.1}	16	134	58	-	34	0.165
DC10323A(5C)-N	1612	1800	900	103.231**	119.891	8.33 ^{±0.1}	16	155	68	5	40	0.205
DC12334C-N	4800	1500	750	123.340**	140	8.33 ^{±0.1}	25.4	184	80	-	50	0.4
DC12388C	4875	1500	750	123.881	142.88	9.50 ^{±0.1}	25.4	186	80	11	44	0.4

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