

DC-RACES

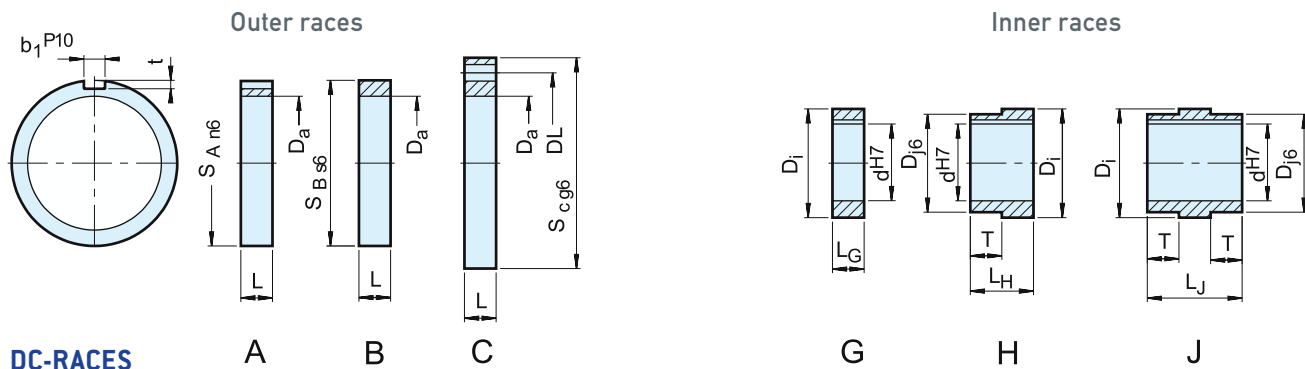
TYPE



DC races are offered for use with the DC freewheel cages shown on the previous pages. The cage and race assembly, makes a non-bearing supported freewheel.

Bearing support for axial and radial loads must be provided, along with lubrication and sealing. The sprag space tolerance must not be exceeded when all bearing clearances and mounting tolerances are considered, (» see table page 43).

Taper between races should be below 0,007 mm for 25 mm width. Outer races type A and B should be pressed into housings that will not deform after assembly. Please contact our technical department if you need to transmit maximum freewheel torque capacity with A and G type. Key stresses may have to be checked.



DC-RACES

1) Keyway to DIN 6885.1

Size															Number of holes × ø	Corresponding DC Type	
	d_{H7} [mm]	L_G [mm]	L_H [mm]	L_J [mm]	D_{j6} [mm]	T [mm]	$D_i + 0.008$ $- 0.005$ [mm]	L [mm]	S_{An6} [mm]	b_1^{P10}	t	S_{Bs6}	S_{Cg6} [mm]	$DL_{±0.1}$ [mm]	$D_a ± 0.013$ [mm]		
DC 230A							16	72	6	3.5					54.752	DC 3809A	
DC 230B							16					72			54.752		
DC 230C							16						95	78	8 × 7		54.752
DC 230 G-10	10	16					38.092										
DC 230 G-15	15	16					38.092										
DC 230 G-20	20	16					38.092										
DC 230 H-10	10		33		35	17	38.092										
DC 230 H-15	15		33		35	17	38.092										
DC 230 H-20	20		33		35	17	38.092										
DC 230 J-10	10			50	35	17	38.092										
DC 230 J-15	15			50	35	17	38.092										
DC 230 J-20	20			50	35	17	38.092										
DC 167A							16	90	10	5					71.425	DC 5476A DC 5476A (4c)	
DC 167B							16					90			71.425		
DC 167C							16						110	95	8 × 9		71.425
DC 167G-25	25	16					54.765										
DC 167G-30	30	16					54.765										
DC 167G-35	35	16					54.765										
DC 167H-25	25		35		50	19	54.765										
DC 167H-30	30		35		50	19	54.765										
DC 167H-35	35		35		50	19	54.765										
DC 167J-25	25			54	50	19	54.765										
DC 167J-30	30			54	50	19	54.765										
DC 167J-35	35			54	50	19	54.765										
DC 168A							21	110	14	5.5					88.877	DC 7221 (5c) DC 7221B DC 7221B (5c)	
DC 168B							21					110			88.877		
DC 168C							21						140	120	8 × 11		88.877
DC 168G-40	40	21					72.217										
DC 168G-45	45	21					72.217										
DC 168G-50	50	21					72.217										
DC 168H-40	40		42		65	21	72.217										
DC 168H-45	45		42		65	21	72.217										
DC 168H-50	50		42		65	21	72.217										
DC 168J-40	40			63	65	21	72.217										
DC 168J-45	45			63	65	21	72.217										
DC 168J-50	50			63	65	21	72.217										
DC 235A							16	150	20	7.5					119.891	DC 10323A (5c)	
DC 235B							16					150			119.891		
DC 235C							16						190	170	8 × 11		119.891
DC 235G-55	55	16					103.231										
DC 235G-60	60	16					103.231										
DC 235G-75	75	16					103.231										
DC 235H-55	55		43		100	27	103.231										
DC 235H-60	60		43		100	27	103.231										
DC 235H-75	75		43		100	27	103.231										
DC 235J-55	55			70	100	27	103.231										
DC 235J-60	60			70	100	27	103.231										