

Built-In Freewheels

DC-RACES



TYPE



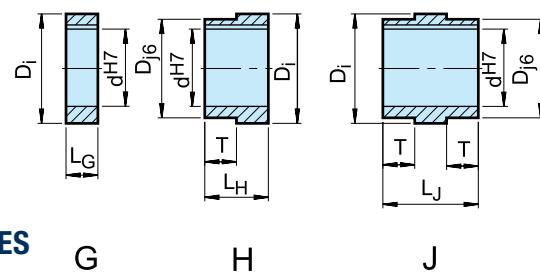
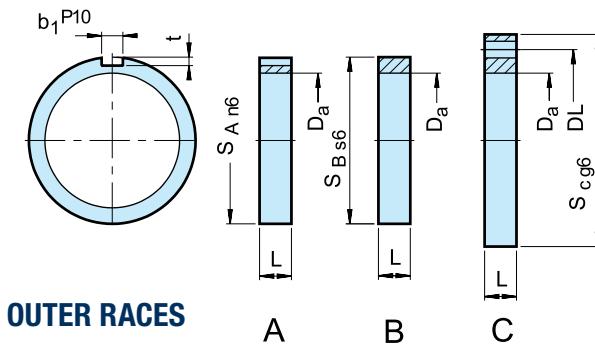
DC races are offered for use with the DC freewheel cages shown on the previous pages. The cage and race assembly, makes a non-bearing supported freewheel.

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 33).

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.

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1) Keyway to DIN 6885.1

Size																		Number of holes $\times \varnothing$	Corresponding DC Type	
	d^{H7} [mm]	L_g [mm]	L_h [mm]	L_j [mm]	D_{j6} [mm]	T [mm]	$D_i \pm 0,008$ $-0,005$ [mm]	L [mm]	S_{An6} [mm]	b_1^{P10}	t	S_{Bs6} [mm]	S_{Cg6} [mm]	$DL \pm 0,1$ [mm]				$D_a \pm 0,013$ [mm]		
DC 230A								16	72	6	3,5							54,752		
DC 230B								16										54,752		
DC 230C								16									95	78	8 \times 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 3809A-N	
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 167B								16				90							71,425	
DC 167C								16					110	95	8 \times 9			71,425		
DC 167G-25	25	16					54,765												DC 5476A-N DC 5476A (4c)-N	
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 7221 (5c)-N DC 7221B-N DC 7221B (5c)-N		
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 168B								21				110							88,877	
DC 168C								21					140	120	8 \times 11			88,877		
DC 168G-40	40	21					72,217												DC 7221 (5c)-N DC 7221B-N DC 7221B (5c)-N	
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 10323A (5c)-N		
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 235B								16				150							119,891	
DC 235C								16					190	170	8 \times 11			119,891		
DC 235G-55	55	16					103,231												DC 10323A (5c)-N	
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													