

# DC-RACES



## TYPE

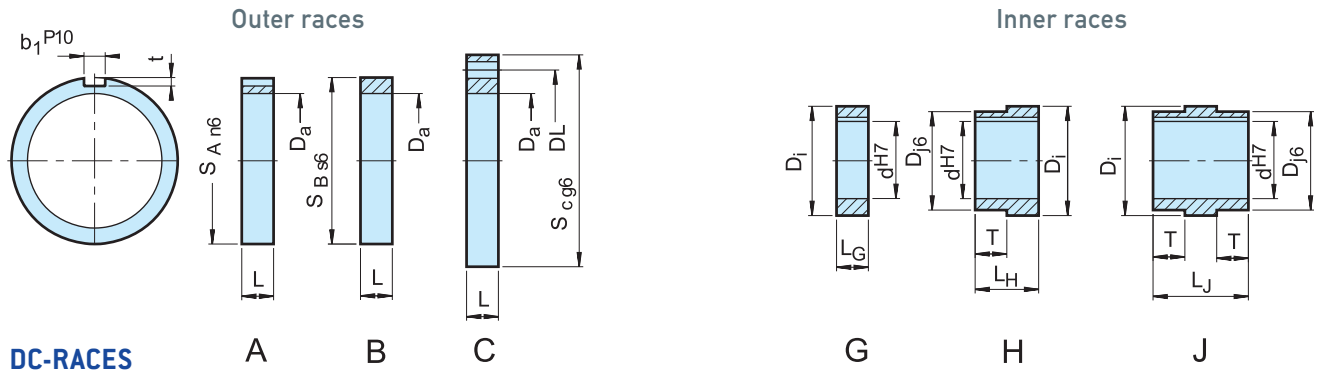


**D**C races are offered for use with the DC freewheel cages shown on the previous pages. The cage and race assembly, makes a non-bearing supported freewheel.

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

A

B

C

G

H

J

1) Keyway to DIN 6885.1

Size															Number of holes × ø	Corresponding DC Type		
	d <sup>H7</sup> (mm)	L <sub>G</sub> (mm)	L <sub>H</sub> (mm)	L <sub>J</sub> (mm)	D <sub>J6</sub> (mm)	T (mm)	D <sub>i</sub> <sup>+0.008 -0.005</sup> (mm)	L (mm)	S <sub>An6</sub> (mm)	b <sub>1</sub> <sup>P10</sup>	t	S <sub>Bs6</sub>	S <sub>Cg6</sub> (mm)	DL <sup>±0.1</sup> (mm)		D <sub>a</sub> <sup>±0.013</sup> (mm)		
DC 230A								16	72	6	3.5							
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 3809A
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 × 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 5476A DC 5476A (4c)
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 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 7221 (5c) DC 7221B DC 7221B (5c)
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 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 10323A (5c)
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											