

SKF

51203

Popular item

Dimensões

Technical drawing of the SKF 51203 deep groove ball bearing. The drawing shows the bearing with dimensions labeled: d_1 (outer diameter of the outer ring), d (pitch diameter), r_1 (fillet radius at the outer ring), r_2 (fillet radius at the inner ring), H (height of the bearing), D_1 (inner diameter of the outer ring), and D (outer diameter of the inner ring).

d	17	mm
D	35	mm
H	12	mm
d_1	≈ 35	mm
D_1	≈ 19	mm
$r_{1,2}$	min. 0.6	mm

Dimensões do encosto

Technical drawing of the SKF 51203 deep groove ball bearing showing the dimensions for the shoulder: d_a (outer diameter of the shoulder), r_a (fillet radius at the shoulder), and D_a (inner diameter of the shoulder).

d_a	min. 28	mm
D_a	max. 24	mm
r_a	max. 0.6	mm

Dados de cálculo

Classificação de carga dinâmica básica	C	16.3	kN
Classificação de carga estática básica	C_0	27	kN
Limite de carga de fadiga	P_u	1	kN
Velocidade de referência		6700	r/min
Velocidade-limite		9500	r/min
Fator de carga mínima	A	0.0047	

Massa

Massa do rolamento (incluindo a arruela de assento quando aplicável)	0.053	kg
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