



FAG

★ 53203

Axial deep groove ball bearing

Schaeffler ID:
0190070860000

Axial deep groove ball bearing 532, single direction, with spherical housing washer, steel sheet metal cage

★ Preferred product

Technical information

Temperature range

T_{\min}	-30 °C	Operating temperature min.
T_{\max}	150 °C	Operating temperature max.
	55 g	Weight

Main Dimensions & Performance Data

d	17 mm	Bore diameter
D	35 mm	Outside diameter
T	13,2 mm	Height
C_a	17.200 N	Basic dynamic load rating, axial
C_{0a}	27.500 N	Basic static load rating, axial
C_{ua}	1.240 N	Fatigue load limit, axial
n_G	9.700 1/min	Limiting speed
n_{gr}	13.200 1/min	Reference speed

Dimensions

r_{\min}	0,6 mm	Minimum chamfer dimension
D_1	19 mm	Bore diameter housing washer
d_1	35 mm	Lip diameter shaft washer
R	32 mm	Radius spherical housing washer
A	16 mm	Distance of the center point
T_1	15 mm	Height with seat washer

Mounting dimensions

$d_{a \min}$	28 mm	Minimum diameter shaft shoulder
$D_{a \max}$	26 mm	Maximum diameter of housing shoulder
$r_{a \max}$	0,6 mm	Maximum recess radius

Additional information

A	0,004	Minimum load factor
	U203	Seat washer

