



FAG

★ 53204

Axial deep groove ball bearing

Schaeffler ID:
0167157560000

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.
	0,08 kg	Weight

Main Dimensions & Performance Data

d	20 mm	Bore diameter
D	40 mm	Outside diameter
T	14,7 mm	Height
C_a	21.100 N	Basic dynamic load rating, axial
C_{0a}	37.500 N	Basic static load rating, axial
C_{ua}	1.700 N	Fatigue load limit, axial
n_G	8.500 1/min	Limiting speed
n_{gr}	11.600 1/min	Reference speed

Dimensions

r_{\min}	0,6 mm	Minimum chamfer dimension
D_1	22 mm	Bore diameter housing washer
d_1	40 mm	Lip diameter shaft washer
R	36 mm	Radius spherical housing washer
A	18 mm	Distance of the center point
T_1	17 mm	Height with seat washer

Mounting dimensions

$d_{a \min}$	32 mm	Minimum diameter shaft shoulder
$D_{a \max}$	30 mm	Maximum diameter of housing shoulder
$r_{a \max}$	0,6 mm	Maximum recess radius

Additional information

A	0,007	Minimum load factor
	U204	Seat washer

