



FAG

★ 53311

Axial deep groove ball bearing

Schaeffler ID:
0167159260000

Axial deep groove ball bearing 533, 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.
	1,346 kg	Weight

Main Dimensions & Performance Data

d	55 mm	Bore diameter
D	105 mm	Outside diameter
T	39,3 mm	Height
C_a	102.000 N	Basic dynamic load rating, axial
C_{0a}	207.000 N	Basic static load rating, axial
C_{ua}	9.500 N	Fatigue load limit, axial
n_G	3.200 1/min	Limiting speed
n_{gr}	6.000 1/min	Reference speed

Dimensions

r_{\min}	1,1 mm	Minimum chamfer dimension
D_1	57 mm	Bore diameter housing washer
d_1	105 mm	Lip diameter shaft washer
R	80 mm	Radius spherical housing washer
A	30 mm	Distance of the center point
T_1	42 mm	Height with seat washer

Mounting dimensions

$d_{a \min}$	85 mm	Minimum diameter shaft shoulder
$D_{a \max}$	80 mm	Maximum diameter of housing shoulder
$r_{a \max}$	1 mm	Maximum recess radius

Additional information

A	0,26	Minimum load factor
	U311	Seat washer

