



FAG

★ 53314

Axial deep groove ball bearing

Schaeffler ID:
0190071670000

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.
	2,06 kg	Weight

Main Dimensions & Performance Data

d	70 mm	Bore diameter
D	125 mm	Outside diameter
T	44,2 mm	Height
C_a	134.000 N	Basic dynamic load rating, axial
C_{0a}	290.000 N	Basic static load rating, axial
C_{ua}	13.300 N	Fatigue load limit, axial
n_G	2.750 1/min	Limiting speed
n_{gr}	4.950 1/min	Reference speed

Dimensions

r_{\min}	1,1 mm	Minimum chamfer dimension
D_1	72 mm	Bore diameter housing washer
d_1	125 mm	Lip diameter shaft washer
R	100 mm	Radius spherical housing washer
A	43 mm	Distance of the center point
T_1	48 mm	Height with seat washer

Mounting dimensions

$d_{a \min}$	103 mm	Minimum diameter shaft shoulder
$D_{a \max}$	98 mm	Maximum diameter of housing shoulder
$r_{a \max}$	1 mm	Maximum recess radius

Additional information

A	0,51	Minimum load factor
	U314	Seat washer

