



FAG

★ 53312

Axial deep groove ball bearing

Schaeffler ID:
0190071400000

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.
	1,372 kg	Weight

Main Dimensions & Performance Data

d	60 mm	Bore diameter
D	110 mm	Outside diameter
T	38,3 mm	Height
C_a	101.000 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	3.150 1/min	Limiting speed
n_{gr}	5.700 1/min	Reference speed

Dimensions

r_{\min}	1,1 mm	Minimum chamfer dimension
D_1	62 mm	Bore diameter housing washer
d_1	110 mm	Lip diameter shaft washer
R	90 mm	Radius spherical housing washer
A	41 mm	Distance of the center point
T_1	42 mm	Height with seat washer

Mounting dimensions

$d_{a \min}$	90 mm	Minimum diameter shaft shoulder
$D_{a \max}$	85 mm	Maximum diameter of housing shoulder
$r_{a \max}$	1 mm	Maximum recess radius

Additional information

A	0,28	Minimum load factor
	U312	Seat washer

