



FAG

★ 53220

Axial deep groove ball bearing

Schaeffler ID:
0190071160000

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.
	2,228 kg	Weight

Main Dimensions & Performance Data

d	100 mm	Bore diameter
D	150 mm	Outside diameter
T	40,9 mm	Height
C_a	119.000 N	Basic dynamic load rating, axial
C_{0a}	325.000 N	Basic static load rating, axial
C_{ua}	13.300 N	Fatigue load limit, axial
n_G	2.700 1/min	Limiting speed
n_{gr}	3.600 1/min	Reference speed

Dimensions

r_{\min}	1,1 mm	Minimum chamfer dimension
D_1	103 mm	Bore diameter housing washer
d_1	150 mm	Lip diameter shaft washer
R	112 mm	Radius spherical housing washer
A	52 mm	Distance of the center point
T_1	45 mm	Height with seat washer

Mounting dimensions

$d_{a \min}$	130 mm	Minimum diameter shaft shoulder
$D_{a \max}$	125 mm	Maximum diameter of housing shoulder
$r_{a \max}$	1 mm	Maximum recess radius

Additional information

A	0,68	Minimum load factor
	U220	Seat washer

