



FAG

★ 53224

Axial deep groove ball bearing

Schaeffler ID:
0167158700000

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.
	2,577 kg	Weight

Main Dimensions & Performance Data

d	120 mm	Bore diameter
D	170 mm	Outside diameter
T	40,8 mm	Height
C_a	128.000 N	Basic dynamic load rating, axial
C_{0a}	385.000 N	Basic static load rating, axial
C_{ua}	14.600 N	Fatigue load limit, axial
n_G	2.550 1/min	Limiting speed
n_{gr}	3.000 1/min	Reference speed

Dimensions

r_{\min}	1,1 mm	Minimum chamfer dimension
D_1	123 mm	Bore diameter housing washer
d_1	170 mm	Lip diameter shaft washer
R	125 mm	Radius spherical housing washer
A	61 mm	Distance of the center point
T_1	46 mm	Height with seat washer

Mounting dimensions

$d_{a \min}$	150 mm	Minimum diameter shaft shoulder
$D_{a \max}$	145 mm	Maximum diameter of housing shoulder
$r_{a \max}$	1 mm	Maximum recess radius

Additional information

A	0,94	Minimum load factor
	U224	Seat washer

