

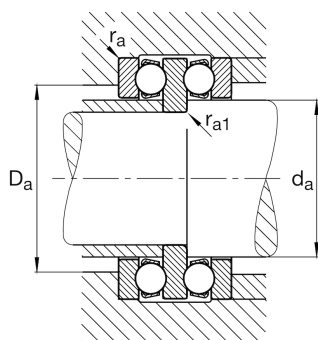
FAG

52228

Axial deep groove ball bearing

Schaeffler ID:
0190655740000Axial deep groove ball bearing 522, double
direction, steel sheet metal cage

Technical information



Temperature range

T_{\min}	-30 °C	Operating temperature min.
T_{\max}	150 °C	Operating temperature max.
	7,97 kg	Weight

Main Dimensions & Performance Data

d	120 mm	Bore diameter
D	200 mm	Outside diameter
T_2	81 mm	Height
C_a	191.000 N	Basic dynamic load rating, axial
C_{0a}	570.000 N	Basic static load rating, axial
C_{ua}	19.800 N	Fatigue load limit, axial
n_G	2.110 1/min	Limiting speed
n_{gr}	2.750 1/min	Reference speed

Dimensions

D_1	143 mm	Bore diameter housing washer
B	18 mm	Height shaft washer
r_{\min}	1,5 mm	Minimum chamfer dimension
$r_{1 \min}$	1,1 mm	Minimum chamfer dimension

Mounting dimensions

$d_{a \max}$	140 mm	Maximum mounting dimension shaft
$D_{a \max}$	164 mm	Maximum diameter of housing shoulder
$r_{a \max}$	1,5 mm	Maximum recess radius
$r_{a1 \max}$	1 mm	Maximum recess radius

Additional information

A	1,9	Minimum load factor
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