

FAG

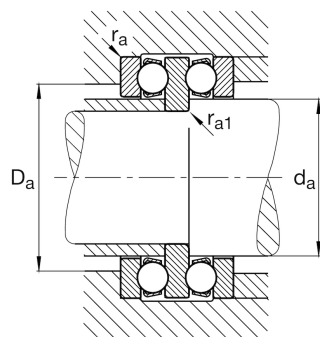
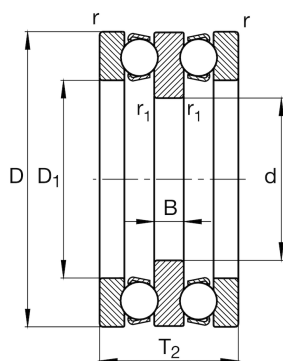
★ 52220

Axial deep groove ball bearing

Schaeffler ID:
0190024750000Axial deep groove ball bearing 522, double
direction, steel sheet metal cage

★ Preferred product

Technical information



Temperature range

T_{\min}	-30 °C	Operating temperature min.
T_{\max}	150 °C	Operating temperature max.
	3,895 kg	Weight

Main Dimensions & Performance Data

d	85 mm	Bore diameter
D	150 mm	Outside diameter
T_2	67 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}	3.550 1/min	Reference speed

Dimensions

D_1	103 mm	Bore diameter housing washer
B	15 mm	Height shaft washer
r_{\min}	1,1 mm	Minimum chamfer dimension
$r_{1\min}$	1 mm	Minimum chamfer dimension

Mounting dimensions

$d_{a\max}$	100 mm	Maximum mounting dimension shaft
$D_{a\max}$	120 mm	Maximum diameter of housing shoulder
$r_{a\max}$	1 mm	Maximum recess radius
$r_{a1\max}$	1 mm	Maximum recess radius

Additional information

A	0,68	Minimum load factor
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