

FAG

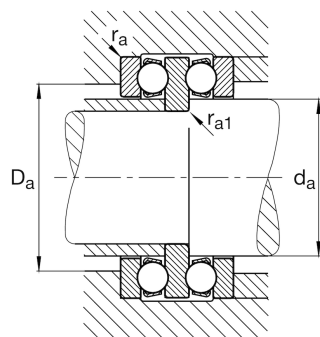
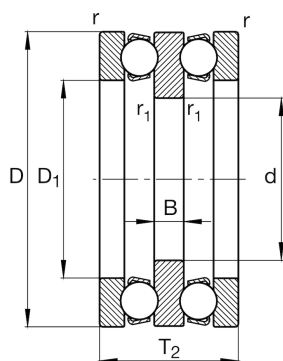
★ 52310

Axial deep groove ball bearing

Schaeffler ID:
0190024830000Axial deep groove ball bearing 523, 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.
	1,774 kg	Weight

Main Dimensions & Performance Data

d	40 mm	Bore diameter
D	95 mm	Outside diameter
T_2	58 mm	Height
C_a	82.000 N	Basic dynamic load rating, axial
C_{0a}	169.000 N	Basic static load rating, axial
C_{ua}	7.700 N	Fatigue load limit, axial
n_G	3.550 1/min	Limiting speed
n_{gr}	6.100 1/min	Reference speed

Dimensions

D_1	52 mm	Bore diameter housing washer
B	14 mm	Height shaft washer
r_{\min}	1,1 mm	Minimum chamfer dimension
$r_{1\min}$	0,6 mm	Minimum chamfer dimension

Mounting dimensions

$d_{a\max}$	50 mm	Maximum mounting dimension shaft
$D_{a\max}$	68 mm	Maximum diameter of housing shoulder
$r_{a\max}$	1 mm	Maximum recess radius
$r_{a1\max}$	0,6 mm	Maximum recess radius

Additional information

A	0,18	Minimum load factor
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