

FAG

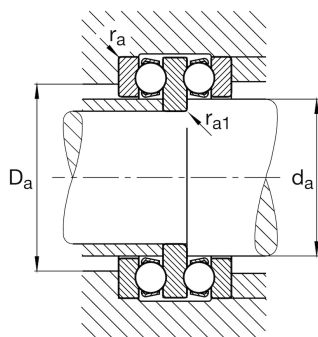
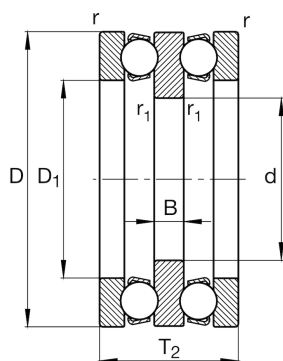
★ 52210

Axial deep groove ball bearing

Schaeffler ID:
0190069500000Axial 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.
	0,684 kg	Weight

Main Dimensions & Performance Data

d	40 mm	Bore diameter
D	78 mm	Outside diameter
T_2	39 mm	Height
C_a	50.000 N	Basic dynamic load rating, axial
C_{0a}	106.000 N	Basic static load rating, axial
C_{ua}	4.850 N	Fatigue load limit, axial
n_G	4.950 1/min	Limiting speed
n_{gr}	5.800 1/min	Reference speed

Dimensions

D_1	52 mm	Bore diameter housing washer
B	9 mm	Height shaft washer
r_{min}	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
$D_{a max}$	61 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	0,069	Minimum load factor
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