

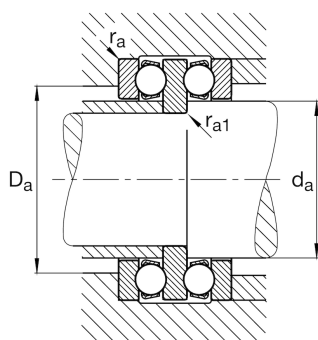
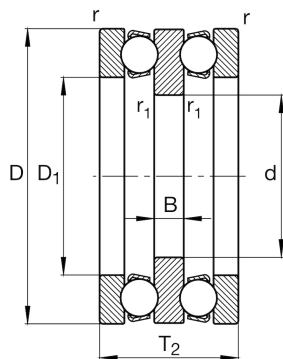
FAG

52313

Axial deep groove ball bearing

Schaeffler ID:
0167156590000Axial deep groove ball bearing 523, double
direction, steel sheet metal cage

Technical information



Temperature range

T_{min}	-30 °C	Operating temperature min.
T_{max}	150 °C	Operating temperature max.
	2,65 kg	Weight

Main Dimensions & Performance Data

d	55 mm	Bore diameter
D	115 mm	Outside diameter
T_2	65 mm	Height
C_a	105.000 N	Basic dynamic load rating, axial
C_{0a}	220.000 N	Basic static load rating, axial
C_{ua}	10.000 N	Fatigue load limit, axial
n_G	3.050 1/min	Limiting speed
n_{gr}	5.000 1/min	Reference speed

Dimensions

D_1	67 mm	Bore diameter housing washer
B	15 mm	Height shaft washer
r_{min}	1,1 mm	Minimum chamfer dimension
$r_{1 min}$	0,6 mm	Minimum chamfer dimension

Mounting dimensions

$d_{a max}$	65 mm	Maximum mounting dimension shaft
$D_{a max}$	85 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	0,32	Minimum load factor
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