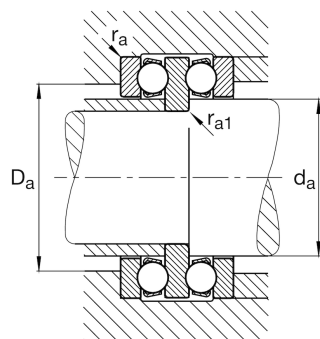
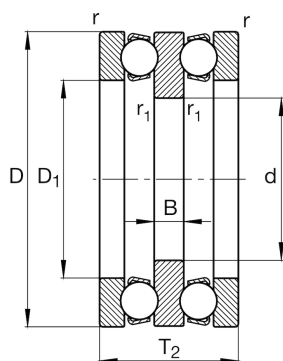
**FAG**★ **52309**

Axial deep groove ball bearing

Schaeffler ID:
0167156400000Axial 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.
	1,236 kg	Weight

Main Dimensions & Performance Data

d	35 mm	Bore diameter
D	85 mm	Outside diameter
T_2	52 mm	Height
C_a	75.000 N	Basic dynamic load rating, axial
C_{0a}	140.000 N	Basic static load rating, axial
C_{ua}	6.500 N	Fatigue load limit, axial
n_G	3.800 1/min	Limiting speed
n_{gr}	6.500 1/min	Reference speed

Dimensions

D_1	47 mm	Bore diameter housing washer
B	12 mm	Height shaft washer
r_{min}	1 mm	Minimum chamfer dimension
$r_{1 min}$	0,6 mm	Minimum chamfer dimension

Mounting dimensions

$d_{a max}$	45 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	0,12	Minimum load factor
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