

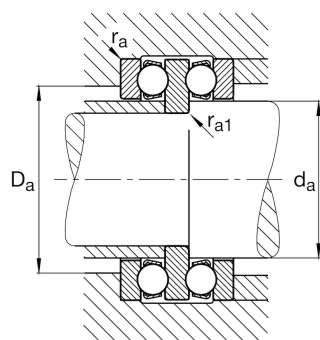
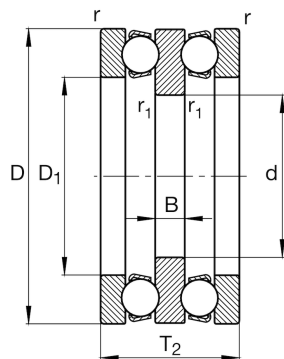
FAG

52306

Axial deep groove ball bearing

Schaeffler ID:  
0167156160000Axial deep groove ball bearing 523, double  
direction, steel sheet metal cage

## Technical information



## Main Dimensions &amp; Performance Data

d	25 mm	Bore diameter
D	60 mm	Outside diameter
T <sub>2</sub>	38 mm	Height
C <sub>a</sub>	35,500 N	Basic dynamic load rating, axial
C <sub>0a</sub>	65,000 N	Basic static load rating, axial
C <sub>ua</sub>	2,950 N	Fatigue load limit, axial
n <sub>G</sub>	5,700 1/min	Limiting speed
n <sub>gr</sub>	8,600 1/min	Reference speed
	0.004 kg	Weight

## Dimensions

D <sub>1</sub>	32 mm	Bore diameter housing washer
B	9 mm	Height shaft washer
r <sub>min</sub>	1 mm	Minimum chamfer dimension
r <sub>1 min</sub>	0.3 mm	Minimum chamfer dimension

## Mounting dimensions

d <sub>a max</sub>	30 mm	Maximum mounting dimension shaft
D <sub>a max</sub>	42 mm	Maximum diameter of housing shoulder
r <sub>a max</sub>	1 mm	Maximum recess radius
r <sub>a1 max</sub>	0.3 mm	Maximum recess radius

## Additional information

A	0.028	Minimum load factor
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## Temperature range

T <sub>min</sub>	-30 °C	Operating temperature min.
T <sub>max</sub>	150 °C	Operating temperature max.