

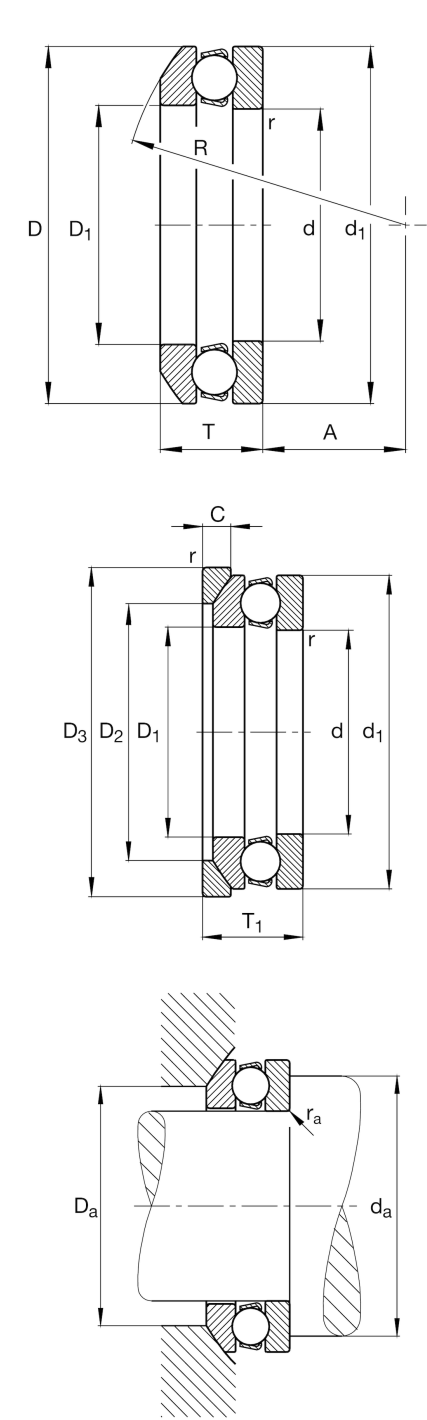
**FAG**

**53234-MP**  
Axial deep groove ball bearing

Schaeffler ID:  
0190704620000

Axial deep groove ball bearing 532...-MP, single direction, with spherical housing washer, solid brass cage

Technical information



Main Dimensions & Performance Data

d	170 mm	Inner diameter shaft washer
D	240 mm	Outer diameter housing washer
T	58,7 mm	Height
C <sub>a</sub>	285.000 N	Basic dynamic load rating, axial
C <sub>0a</sub>	930.000 N	Basic static load rating, axial
C <sub>ua</sub>	29.500 N	Fatigue load limit, axial
n <sub>G</sub>	1.740 1/min	Limiting speed
n <sub>gr</sub>	2.230 1/min	Reference speed
	7,92 kg	Weight

Dimensions

r <sub>min</sub>	1,5 mm	Minimum chamfer dimension
D <sub>1</sub>	173 mm	Inner diameter housing washer
d <sub>1</sub>	237 mm	Outer diameter shaft washer
R	180 mm	Radius spherical housing washer
A	91 mm	Distance of the center point
T <sub>1</sub>	65 mm	Height with seat washer

Mounting dimensions

d <sub>a min</sub>	212 mm	Minimum diameter shaft shoulder
D <sub>a max</sub>	200 mm	Maximum diameter of housing shoulder
r <sub>a max</sub>	1,5 mm	Maximum filled radius

Calculation factors

A	4,5	Minimum load factor
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Additional information

U234	Seat washer
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Temperature range

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

