

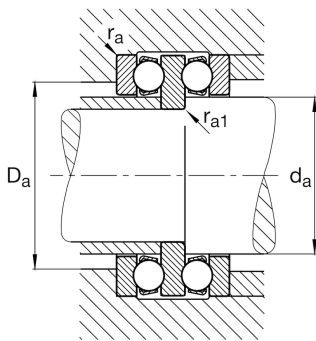
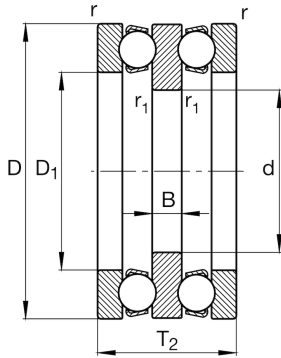
FAG

52244-MP

Axial deep groove ball bearing

Schaeffler ID:
0190657360000Axial deep groove ball bearing 522..-MP,
double direction, solid brass cage

Technical information

**Main Dimensions & Performance Data**

d	190 mm	Inner diameter shaft washer
D	300 mm	Outer diameter housing washer
T ₂	110 mm	Height
C _a	335,000 N	Basic dynamic load rating, axial
C _{0a}	1,330,000 N	Basic static load rating, axial
C _{ua}	37,500 N	Fatigue load limit, axial
n _G	1,420 1/min	Limiting speed
n _{gr}	1,680 1/min	Reference speed
≈m	25 kg	Weight

Mounting dimensions

d _{a max}	220 mm	Maximum diameter shaft shoulder
D _{a max}	252 mm	Maximum diameter of housing shoulder
r _{a max}	2 mm	Maximum filled radius
r _{a1 max}	2 mm	Maximum filled radius

Dimensions

D ₁	224 mm	Inner diameter housing washer
B	24 mm	Height shaft washer
r _{min}	2 mm	Minimum chamfer dimension
r _{1 min}	2 mm	Minimum chamfer dimension

Temperature range

T _{min}	-30 °C	Operating temperature min.
T _{max}	200 °C	Operating temperature max.

Calculation factors

A	9.6	Minimum load factor
---	-----	---------------------