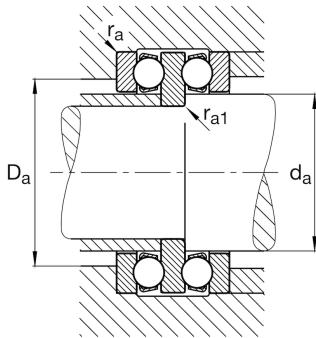
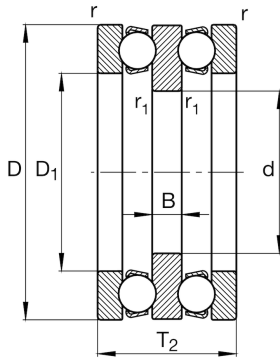
**FAG****52240-MP**

Axial deep groove ball bearing

Axial deep groove ball bearing 522...-MP, double direction, solid brass cage

## Technical information

**Main Dimensions & Performance Data**

d	170 mm	Inner diameter shaft washer
D	280 mm	Outer diameter housing washer
T <sub>2</sub>	109 mm	Height
C <sub>a</sub>	340.000 N	Basic dynamic load rating, axial
C <sub>0a</sub>	1.220.000 N	Basic static load rating, axial
C <sub>ua</sub>	36.000 N	Fatigue load limit, axial
n <sub>G</sub>	1.510 1/min	Limiting speed
n <sub>gr</sub>	1.880 1/min	Reference speed
≈m	22,912 kg	Weight

**Mounting dimensions**

d <sub>a max</sub>	200 mm	Maximum diameter shaft shoulder
D <sub>a max</sub>	232 mm	Maximum diameter of housing shoulder
r <sub>a max</sub>	2 mm	Maximum filled radius
r <sub>a1 max</sub>	2 mm	Maximum filled radius

**Dimensions**

D <sub>1</sub>	204 mm	Inner diameter housing washer
B	24 mm	Height shaft washer
r <sub>min</sub>	2 mm	Minimum chamfer dimension
r <sub>1 min</sub>	2 mm	Minimum chamfer dimension

**Temperature range**

T <sub>min</sub>	-30 °C	Operating temperature min.
T <sub>max</sub>	200 °C	Operating temperature max.

**Calculation factors**

A	7,8	Minimum load factor
---	-----	---------------------