

FAG

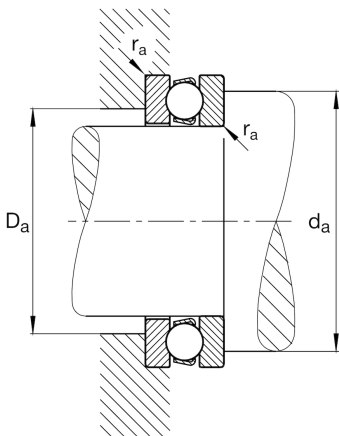
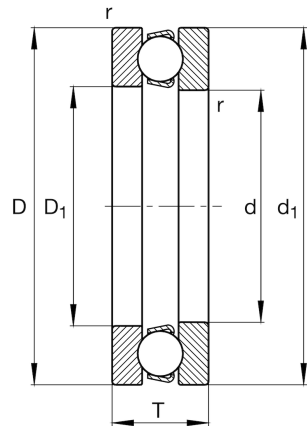
51136-MP

Axial deep groove ball bearing

Schaeffler ID:
0190612340000

Axial deep groove ball bearing 511...-MP,
single direction, solid brass cage

Technical information



Main Dimensions & Performance Data

d	180 mm	Inner diameter shaft washer
D	225 mm	Outer diameter housing washer
T	34 mm	Height
C _a	127.000 N	Basic dynamic load rating, axial
C _{0a}	520.000 N	Basic static load rating, axial
C _{ua}	16.800 N	Fatigue load limit, axial
n _G	2.250 1/min	Limiting speed
n _{gr}	1.910 1/min	Reference speed
	3,006 kg	Weight

Dimensions

r _{min}	1,1 mm	Minimum chamfer dimension
D ₁	183 mm	Inner diameter housing washer
d ₁	222 mm	Outer diameter shaft washer

Mounting dimensions

d _{a min}	207 mm	Minimum diameter shaft shoulder
D _{a max}	198 mm	Maximum diameter of housing shoulder
r _{a max}	1 mm	Maximum filled radius

Calculation factors

A	1,5	Minimum load factor
---	-----	---------------------

Temperature range

T _{min}	-30 °C	Operating temperature min.
T _{max}	150 °C	Operating temperature max.