

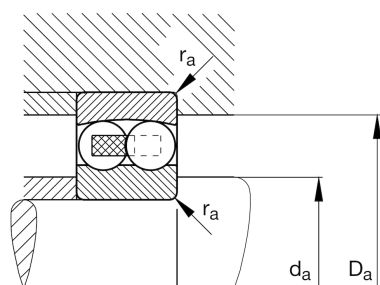
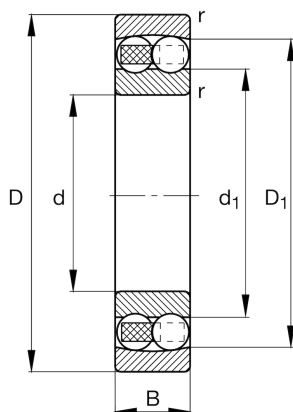
FAG

1322-M

Self-aligning ball bearing

Schaeffler ID:
0190088480000Self-aligning ball bearing 13..-M, solid
brass cage

Technical information

**Temperature range**

T_{min}	-30 °C	Operating temperature min.
T_{max}	150 °C	Operating temperature max.
	11,8 kg	Weight

Main Dimensions & Performance Data

d	110 mm	Bore diameter
D	240 mm	Outside diameter
B	50 mm	Width
r_{min}	3 mm	Minimum chamfer dimension
C_r	165.000 N	Basic dynamic load rating, radial
C_{0r}	72.000 N	Basic static load rating, radial
C_{ur}	3.400 N	Fatigue load limit, radial
n_G	4.200 1/min	Limiting speed
n_{gr}	3.400 1/min	Reference speed

Dimensions

D_1	202,5 mm	Shoulder diameter outer ring
d_1	154,5 mm	Shoulder diameter inner ring
C_1	2,7 mm	Overhang rolling element

Mounting dimensions

$d_{a min}$	124 mm	Minimum diameter shaft shoulder
$D_{a max}$	226 mm	Maximum diameter of housing shoulder
$r_{a max}$	2,5 mm	Maximum fillet radius

Calculation factors

e	0,23	Limiting value of F_a/F_r for the applicability of diff. Values of factors X and Y
Y_1	2,78	Dynamic axial load factor
Y_2	4,3	Dynamic axial load factor
Y_0	2,91	Static axial load factor