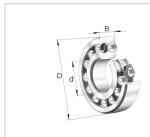
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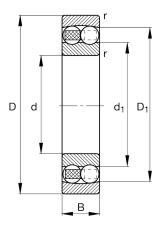
1314-M

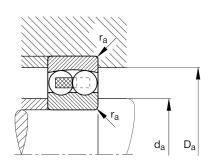
Self-aligning ball bearing

Schaeffler ID: 0190057680000

Self-aligning ball bearing 13..-M, solid brass cage

Technical information





Main Dimensions & Performance Data

d	[70] mm	Bore diameter
D	[150] mm	Outside diameter
В	[35] mm	Width
C _r	[75.000] N	Basic dynamic load rating, radial
C _{0r}	[27.500] N	Basic static load rating, radial
C ur	[1.670] N	Fatigue load limit, radial
n _G	[7.200] 1/min	Limiting speed
n _{ðr}	[4.950] 1/min	Reference speed
	[3,11] kg	\${Weight}

Mounting dimensions

d _{a min}	[82] mm	Minimum diameter shaft shoulder
D _{a max}	[138] mm	Maximum diameter of housing shoulder
r _{a max}	[2,1] mm	Maximum fillet radius

Dimensions

r _{min}	[2,1] mm	Minimum chamfer dimension	
D ₁	[126,4] mm	Shoulder diameter outer ring	
d 1	[97,7] mm	Shoulder diameter inner ring	

Temperature range

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

Calculation factors

е	[0,22]	Limiting value of Fa/Fr for the applicability of
		diff. Values of factors X and Y
Y ₁	[2,81]	Dynamic axial load factor
Y ₂	[4,35]	Dynamic axial load factor
Υ 0	[2,94]	Static axial load factor

The datasheet is only an overview of dimensions and basic load ratings of the selected product. Please always observe all further information and guidelines for this product. For further information you can use the contact form on our website.