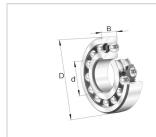
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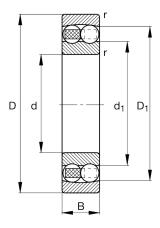
2308-M

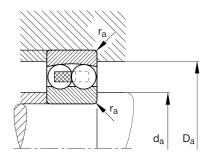
Self-aligning ball bearing

Schaeffler ID: 0190290710000

Self-aligning ball bearing 23..-M, solid brass cage

Technical information





Main Dimensions & Performance Data

d	1,575 in	Bore diameter
D	3,543 in	Outside diameter
В	1,299 in	Width
C _r	10.341,727 lbf	Basic dynamic load rating, radial
C _{0r}	3.035,072 lbf	Basic static load rating, radial
C ur	193,345 lbf	Fatigue load limit, radial
n _G	11.900 1/min	Limiting speed
n _{ϑr}	8.700 1/min	Reference speed
	2,216 lbs	\${Weight}

Mounting dimensions

d _{a min}	1,929 in	Minimum diameter shaft shoulder
D _{a max}	3,189 in	Maximum diameter of housing shoulder
r _{a max}	0,059 in	Maximum fillet radius

Dimensions

r _{min}	0,059 in	Minimum chamfer dimension
D ₁	2,933 in	Shoulder diameter outer ring
d ₁	2,114 in	Shoulder diameter inner ring

Temperature range

T _{min}	-22 °F	Operating temperature min.
T _{max}	302 °F	Operating temperature max.

Calculation factors

е	0,43	Limiting value of Fa/Fr for the applicability of
		diff. Values of factors X and Y
Y ₁	1,46	Dynamic axial load factor
Y 2	2,25	Dynamic axial load factor
Υ 0	1,52	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.