15.09.2023, 20:44:04 UTC SCHAEFFLER



FAG

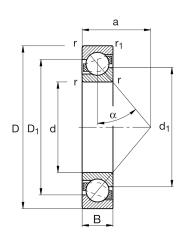
7048-MP-UA

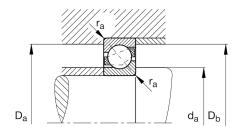
Angular contact ball bearing

Schaeffler ID: 0167248870000

Angular contact ball bearing 70..-MP, single row, solid brass cage

Technical information





Main Dimensions & Performance Data

d	9,449 in	Bore diameter
D	14,173 in	Outside diameter
В	2,205 in	Width
C _r	68.570,144 lbf	Basic dynamic load rating, radial
C _{0r}	105.665,468 lbf	Basic static load rating, radial
C ur	3.169,964 lbf	Fatigue load limit, radial
n _G	2.650 1/min	Limiting speed
n _{ϑr}	1.830 1/min	Reference speed
	41,447 lbs	\${Weight}

Mounting dimensions

d _{a min}	9,937 in	Minimum diameter of shaft shoulder
D _{a max}	13,685 in	Maximum diameter of housing shoulder
D _{b max}	13,937 in	Maximum diameter of housing shoulder
r _{a max}	0,098 in	Maximum fillet radius of shaft
r _{a1 max}	0,039 in	Maximum fillet radius of housing

Dimensions

r _{min}	0,118 in	Minimum chamfer dimension
r _{1 min}	0,043 in	Minimum chamfer dimension
D ₁	12,488 in	Shoulder diameter on outer ring wide side face
d ₁	11,242 in	Shoulder diameter on inner ring wide side face
a	4,528 in	Distance between the apexes of the pressure
		cones
α	30 °	Contact angle

Temperature range

T _{min}	-22 °F	Operating temperature min.
T _{max}	392 °F	Operating temperature max.

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.

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Additional information

A min	0,00433 in	Axial clearance per set min.
Tol (+)	0,00063 in	Tolerance for axial clearance or preload per set