15.09.2023, 20:45:13 UTC SCHAEFFLER



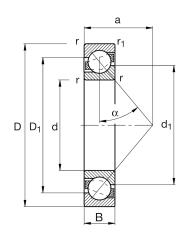
7205-B-XL-TVP-UA

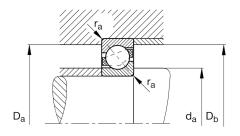
Angular contact ball bearing

Schaeffler ID: 0167250850000

Angular contact ball bearing 72..-B-XL-TVP, single row, X-life, plastic cage

Technical information





Main Dimensions & Performance Data

d	0,984 in	Bore diameter
D	2,047 in	Outside diameter
В	0,591 in	Width
C _r	3.642,086 lbf	Basic dynamic load rating, radial
C _{0r}	2.023,381 lbf	Basic static load rating, radial
C ur	139,388 lbf	Fatigue load limit, radial
n _G	19.200 1/min	Limiting speed
n _{ðr}	13.700 1/min	Reference speed
	0,278 lbs	\${Weight}

Mounting dimensions

d _{a min}	1,205 in	Minimum diameter of shaft shoulder
D _{a max}	1,827 in	Maximum diameter of housing shoulder
D _{b max}	1,882 in	Maximum diameter of housing shoulder
r _{a max}	0,039 in	Maximum fillet radius of shaft
r _{a1 max}	0,024 in	Maximum fillet radius of housing

Dimensions

r _{min}	0,039 in	Minimum chamfer dimension
r _{1 min}	0,024 in	Minimum chamfer dimension
D ₁	1,654 in	Shoulder diameter on outer ring wide side face
d ₁	1,398 in	Shoulder diameter on inner ring wide side face
а	0,945 in	Distance between the apexes of the pressure
		cones
α	40 °	Contact angle

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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Temperature range

T _{min}	-22 °F	Operating temperature min.
T _{max}	248 °F	Operating temperature max.

Additional information

A _{min}	0,00142 in	Axial clearance per set min.
Tol ₍₊₎	0,00031 in	Tolerance for axial clearance or preload per set