15.09.2023, 20:50:39 UTC SCHAEFFLER



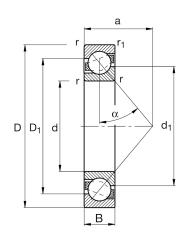
7313-B-XL-TVP-UO

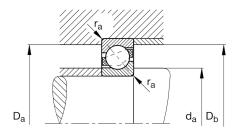
Angular contact ball bearing

Schaeffler ID: 0167262510000

Angular contact ball bearing 73..-B-XL-TVP, single row, X-life, plastic cage

Technical information





Main Dimensions & Performance Data

d	2,559 in	Bore diameter
D	5,512 in	Outside diameter
В	1,299 in	Width
C _r	24.730,216 lbf	Basic dynamic load rating, radial
C _{0r}	18.435,252 lbf	Basic static load rating, radial
C _{ur}	1.258,993 lbf	Fatigue load limit, radial
n _G	6.500 1/min	Limiting speed
n _{ðr}	5.000 1/min	Reference speed
	4.696 lbs	\${Weight}

Mounting dimensions

d _{a min}	3,031 in	Minimum diameter of shaft shoulder
D _{a max}	5,039 in	Maximum diameter of housing shoulder
D _{b max}	5,236 in	Maximum diameter of housing shoulder
r _{a max}	0,083 in	Maximum fillet radius of shaft
r _{a1 max}	0,039 in	Maximum fillet radius of housing

Dimensions

r _{min}	0,083 in	Minimum chamfer dimension
r _{1 min}	0,043 in	Minimum chamfer dimension
D ₁	4,39 in	Shoulder diameter on outer ring wide side face
d ₁	3,752 in	Shoulder diameter on inner ring wide side face
а	2,362 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 in	Axial clearance per set min.
Tol (+)	0,00047 in	Tolerance for axial clearance or preload per set