15.09.2023, 20:45:21 UTC SCHAEFFLER



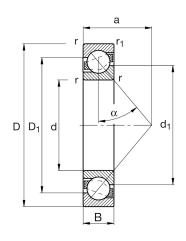
7206-B-XL-TVP-P5-UL

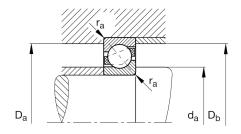
Angular contact ball bearing

Schaeffler ID: 0191146720000

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

Technical information





Main Dimensions & Performance Data

d	1,181 in	Bore diameter
D	2,441 in	Outside diameter
В	0,63 in	Width
C _r	5.193,345 lbf	Basic dynamic load rating, radial
C _{0r}	3.169,964 lbf	Basic static load rating, radial
C ur	220,324 lbf	Fatigue load limit, radial
n _G	15.800 1/min	Limiting speed
n _{9r}	11.200 1/min	Reference speed
	0,432 lbs	\${Weight}

Mounting dimensions

d _{a min}	1,402 in	Minimum diameter of shaft shoulder
D _{a max}	2,22 in	Maximum diameter of housing shoulder
D _{b max}	2,276 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	1,949 in	Shoulder diameter on outer ring wide side face
d ₁	1,701 in	Shoulder diameter on inner ring wide side face
а	1,063 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

V _{max}	-0,00024 in	Preload per set max.
Tol ₍₊₎	0,00024 in	Tolerance for axial clearance or preload per set
F _{V max}	35,297 lbf	Preload force