

FAG**7202-B-XL-JP**

Angular contact ball bearing

Schaeffler ID:
0191143110000Angular contact ball bearing 72..-B-XL-JP,
single row, X-life, steel sheet metal cage**X-life**

Technical information

Main Dimensions & Performance Data

d	15 mm	Bore diameter
D	35 mm	Outside diameter
B	11 mm	Width
C _r	8.900 N	Basic dynamic load rating, radial
C _{0r}	4.450 N	Basic static load rating, radial
C _{ur}	305 N	Fatigue load limit, radial
n _G	29.500 1/min	Limiting speed
n _{gr}	19.100 1/min	Reference speed
	0,046 kg	Weight

Additional information

r _{min}	0,6 mm	Minimum chamfer dimension
r _{1 min}	0,3 mm	Minimum chamfer dimension
D ₁	27,6 mm	Shoulder diameter on outer ring wide side face
d ₁	22,8 mm	Shoulder diameter on inner ring wide side face
a	16 mm	Distance between the apexes of the pressure cones
α	40 °	Contact angle

Mounting dimensions

d _{a min}	19,2 mm	Minimum diameter of shaft shoulder
D _{a max}	30,8 mm	Maximum diameter of housing shoulder
D _{b max}	32,6 mm	Maximaler Durchmesser der Gehäuseschulter
r _{a max}	0,6 mm	Maximum fillet radius of shaft
r _{a1 max}	0,3 mm	Maximum fillet radius of housing

Temperature range

T _{min}	-30 °C	Operating temperature min.
T _{max}	150 °C	Operating temperature max.