



FAG

★ 7216-B-XL-TVP

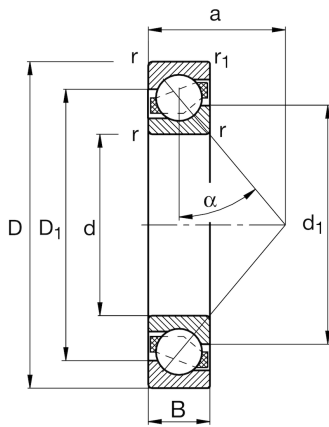
Angular contact ball bearing

Schaeffler ID:
0190031880000Angular contact ball bearing 72..-B-XL-
TVP, single row, X-life, plastic cage

★ Preferred product

X-life

Technical information



Temperature range

T_{min}	-30 °C	Operating temperature min.
T_{max}	120 °C	Operating temperature max.
	1,42 kg	Weight

Main Dimensions & Performance Data

d	80 mm	Bore diameter
D	140 mm	Outside diameter
B	26 mm	Width
C_r	85.000 N	Basic dynamic load rating, radial
C_{0r}	72.000 N	Basic static load rating, radial
C_{ur}	4.800 N	Fatigue load limit, radial
n_G	6.400 1/min	Limiting speed
n_{gr}	4.950 1/min	Reference speed

Dimensions

r_{min}	2 mm	Minimum chamfer dimension
r_{1min}	1 mm	Minimum chamfer dimension
D_1	117,2 mm	Shoulder diameter on outer ring wide side face
d_1	102,9 mm	Shoulder diameter on inner ring wide side face
a	59 mm	Distance between the apexes of the pressure cones
α	40 °	Contact angle

Mounting dimensions

d_{amin}	91 mm	Minimum diameter of shaft shoulder
D_{amax}	129 mm	Maximum diameter of housing shoulder
D_{bmax}	134,4 mm	Maximaler Durchmesser der Gehäuseschulter
r_{amax}	2 mm	Maximum fillet radius of shaft
r_{a1max}	1 mm	Maximum fillet radius of housing

