



FAG

7208-B-XL-TVP-UO

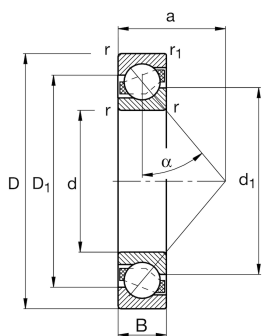
Angular contact ball bearing

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

Materiálové číslo Schaeffler: 0167251900000

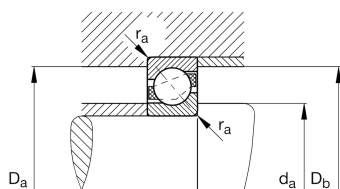
X-life

Technické informace



Vaše aktuální varianta produktu

Design variant	B	B
Sealing	Without	Not sealed
Cage	TVP	solid cage made of glass-fiber reinforced polyamid PA66
Tolerance class	P6	Class6 (P6), better than PN
Dimensional / heat stabilization	S0	Rings dimensional stabilized up to 150°
Bearing with matched conditions for fitting in pairs	UO	bearing set clearance-free in O or X arrangement
Lubricant	Without	Bearing not greased



Main Dimensions & Performance Data

d	40 mm	Bore diameter
D	80 mm	Outside diameter
B	18 mm	Width
C _r	36.000 N	Basic dynamic load rating, radial
C _{0r}	23.500 N	Basic static load rating, radial
C _{ur}	1.630 N	Fatigue load limit, radial
n _G	11.900 1/min	Limiting speed
n _{gr}	8.600 1/min	Reference speed
≈m	0,367 kg	Hmotnost



Mounting dimensions

$d_{a \min}$	47 mm	Minimum diameter of shaft shoulder
$D_{a \max}$	73 mm	Maximum diameter of housing shoulder
$D_{b \max}$	75,8 mm	Maximum diameter of housing shoulder
$r_{a \max}$	1 mm	Maximum fillet radius of shaft
$r_{a1 \max}$	0,6 mm	Maximum fillet radius of housing

Dimensions

r_{\min}	1,1 mm	Minimum chamfer dimension
$r_{1 \min}$	0,6 mm	Minimum chamfer dimension
D_1	64,4 mm	Shoulder diameter on outer ring wide side face
d_1	56,42 mm	Shoulder diameter on inner ring wide side face
a	34,2 mm	Distance between the apexes of the pressure cones
α	40 °	Contact angle






Temperature range

T_{\min}	-30 °C	Operating temperature min.
T_{\max}	120 °C	Operating temperature max.

Additional information

A_{\min}	0 μm	Axial clearance per set min.
Tol (+)	8 μm	Tolerance for axial clearance or preload per set

Vlastnosti

-  Radiální zatížení
-  Axiální zatížení v jednom směru
-  Mazání (plastickým mazivem)
-  Mazání olejem
-  Neutěsněné