



71811-TN

Angular contact ball bearing

Angular contact ball bearing 718..-B-TVP,
single row, plastic cage

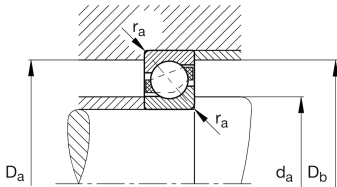
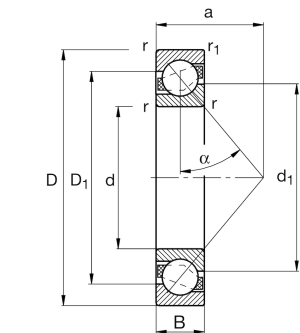
Informacje techniczne

Twoja aktualna wersja produktu

Design variant	B	B
Sealing	Without	Not sealed
Cage	TVP	Solid cage made of glass-fiber reinforced polyamid PA66
Tolerance class	PN	Normal (ISO 492:2023)
Dimensional / heat stabilization	S0	Rings dimensional stabilized up to 150°
Lubricant	Without	Bearing not greased

Main Dimensions & Performance Data

d	55 mm	Bore diameter
D	72 mm	Outside diameter
B	9 mm	Width
C _r	11.800 N	Basic dynamic load rating, radial
C _{0r}	11.800 N	Basic static load rating, radial
C _{ur}	780 N	Fatigue load limit, radial
n _G	11.400 1/min	Limiting speed
n _{gr}	5.600 1/min	Reference speed
≈m	0,081 kg	Masa





Mounting dimensions

$d_{a \min}$	57 mm	Minimum diameter of shaft shoulder
$D_{a \max}$	70 mm	Maximum diameter of housing shoulder
$D_{b \max}$	70,6 mm	Maximum diameter of housing shoulder
$r_{a \max}$	0,3 mm	Maximum fillet radius of shaft
$r_{a1 \max}$	0,2 mm	Maximum fillet radius of housing

Dimensions

$r_{\min}$	0,3 mm	Minimum chamfer dimension
$r_1 \min$	0,2 mm	Minimum chamfer dimension
D_1	65,3 mm	Shoulder diameter on outer ring wide side face
d_1	61,7 mm	Shoulder diameter on inner ring wide side face
a	31,1 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.

Właściwości



Obciążenie promieniowe



Obciążenie osiowe jednokierunkowe



Smarowanie smarem



Smarowanie olejem



Bez uszczelnienia