



FAG

6006-TB-P6-C3

Deep groove ball bearing

Deep groove ball bearing 60..TB, single row, solid laminated fabric cage



Informacje techniczne

Twoja aktualna wersja produktu

Sealing	Without	Not sealed
Cage	TB	Solid laminated fabric cage, inner ring guided
Tolerance class	P6	Class 6 (ISO 492:2023)
Dimensional / heat stabilization	SN	Rings dimensional stabilized up to 120°
Lubricant	Without	Bearing not greased
Radial internal clearance	C3 (Group 3)	Internal clearance larger than CN
Bore type	Z	Cylindrical

Main Dimensions & Performance Data

d	30 mm	Bore diameter
D	55 mm	Outside diameter
B	13 mm	Width
C _r	13.500 N	Basic dynamic load rating, radial
C _{0r}	8.000 N	Basic static load rating, radial
C _{ur}	405 N	Fatigue load limit, radial
n _G	18.500 1/min	Limiting speed
n _{gr}	13.100 1/min	Reference speed
≈m	120,51 g	Masa



Mounting dimensions

$d_{a\ min}$	34,6 mm	Minimum diameter shaft shoulder
$D_{a\ max}$	50,4 mm	Maximum diameter of housing shoulder
$r_{a\ max}$	1 mm	Maximum fillet radius

Dimensions

$r_{\ min}$	1 mm	Minimum chamfer dimension
$D_{\ 1}$	47,23 mm	Shoulder diameter outer ring
$D_{\ 2}$	49,21 mm	Caliber diameter outer ring
$d_{\ 1}$	38,25 mm	Shoulder diameter inner ring

Temperature range

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

Calculation factors

$f_{\ 0}$	14,8	Calculation factor
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Właściwości

-  Obciążenie promieniowe
-  Obciążenie osiowe jednokierunkowe
-  Obciążenie osiowe dwukierunkowe
-  Smarowanie smarem
-  Smarowanie olejem
-  Bez uszczelnienia