



FAG

6000-H

Deep groove ball bearing

Deep groove ball bearing 60...-H, single row, H-Series, steel sheet metal cage

Informacje techniczne



Twoja aktualna wersja produktu

Changed internal design	H	Design variant H (H-Series)
Sealing	Without	Not sealed
Cage	JN	Steel sheet metal
Tolerance class	PN	Normal (ISO 492:2023)
Dimensional / heat stabilization	SN	Rings dimensional stabilized up to 120°
Lubricant	Without	Bearing not greased
Radial internal clearance	CN (Group N)	Normal internal clearance
Bore type	Z	Cylindrical

Main Dimensions & Performance Data

d	10 mm	Bore diameter
D	26 mm	Outside diameter
B	8 mm	Width
C _r	4.750 N	Basic dynamic load rating, radial
C _{0r}	1.960 N	Basic static load rating, radial
C _{ur}	114 N	Fatigue load limit, radial
n _G	40.500 1/min	Limiting speed
n _{gr}	27.500 1/min	Reference speed
m	0,018 kg	Masa



Mounting dimensions

$d_{a\ min}$	12 mm	Minimum diameter shaft shoulder
$D_{a\ max}$	24 mm	Maximum diameter of housing shoulder
$r_{a\ max}$	0,3 mm	Maximum fillet radius

Dimensions

$r_{\ min}$	0,3 mm	Minimum chamfer dimension
$D_{\ 1}$	21,5 mm	Shoulder diameter outer ring
$D_{\ 2}$	22,5 mm	Caliber diameter outer ring
$d_{\ 1}$	14,7 mm	Shoulder diameter inner ring
$d_{\ 2}$	13,7 mm	Caliber diameter inner ring

Temperature range

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

Calculation factors

$f_{\ 0}$	12,4	Calculation factor
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Właściwości

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