



FAG

635

Deep groove ball bearing

Deep groove ball bearing 63, single row, steel
sheet metal cage

Informacje techniczne



Twoja aktualna wersja produktu

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	5 mm	Bore diameter
D	19 mm	Outside diameter
B	6 mm	Width
C _r	2.800 N	Basic dynamic load rating, radial
C _{0r}	1.060 N	Basic static load rating, radial
C _{ur}	65 N	Fatigue load limit, radial
n _G	53.000 1/min	Limiting speed
n _{gr}	27.000 1/min	Reference speed
≈m	8,2 g	Masa



Mounting dimensions

d a min	7,4 mm	Minimum diameter shaft shoulder
D a max	16,6 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	15,5 mm	Shoulder diameter outer ring
D 2	16,7 mm	Caliber diameter outer ring
d 1	10,4 mm	Shoulder diameter inner ring
d 2	9,4 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