



FAG

HC6326-M-C3

Deep groove ball bearing

Deep groove ball bearing HC63...-M, Hybrid bearing, single row, solid brass cage

Informacje techniczne



Twoja aktualna wersja produktu

Material Bearing	HC	Hybrid bearing, rolling elements ceramic, bearing rings made of steel
Sealing	Without	Not sealed
Cage	M	Solid brass cage, rolling element guided
Tolerance class	PN	Normal (ISO 492:2023)
Dimensional / heat stabilization	S1	Rings dimensional stabilized up to 200°
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	130 mm	Bore diameter
D	280 mm	Outside diameter
B	58 mm	Width
C _r	280.000 N	Basic dynamic load rating, radial
C _{0r}	265.000 N	Basic static load rating, radial
C _{ur}	7.400 N	Fatigue load limit, radial
n _G	4.950 1/min	Limiting speed
n _{gr}	3.800 1/min	Reference speed
≈m	16,586 kg	Masa



Mounting dimensions

$d_{a\ min}$	147 mm	Minimum diameter shaft shoulder
$D_{a\ max}$	263 mm	Maximum diameter of housing shoulder
$r_{a\ max}$	3 mm	Maximum fillet radius

Dimensions

$r_{\ min}$	4 mm	Minimum chamfer dimension
D_1	231,25 mm	Shoulder diameter outer ring
d_1	178,88 mm	Shoulder diameter inner ring

Temperature range

$T_{\ min}$	-30 °C	Operating temperature min.
$T_{\ max}$	200 °C	Operating temperature max.

Calculation factors

f_0	16,8	Calculation factor
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Właściwości



Obciążenie promieniowe



Obciążenie osiowe jednokierunkowe



Obciążenie osiowe dwukierunkowe



Smarowanie smarem



Smarowanie olejem



Bez uszczelnienia



Izolowane