



FAG

6315-H-SN-C3

Deep groove ball bearing

Deep groove ball bearing 63...-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	C3 (Group 3)	Internal clearance larger than CN
Bore type	Z	Cylindrical

Main Dimensions & Performance Data

d	75 mm	Bore diameter
D	160 mm	Outside diameter
B	37 mm	Width
C _r	113.420 N	Basic dynamic load rating, radial
C _{0r}	76.970 N	Basic static load rating, radial
C _{ur}	4.400 N	Fatigue load limit, radial
n _G	5.700 1/min	Limiting speed
n _{gr}	5.800 1/min	Reference speed
m	3,15 kg	Masa



Mounting dimensions

$d_{a\min}$	87 mm	Minimum diameter shaft shoulder
$D_{a\max}$	148 mm	Maximum diameter of housing shoulder
$r_{a\max}$	2,1 mm	Maximum fillet radius

Dimensions

$r_{\min}$	2,1 mm	Minimum chamfer dimension
D_1	133,5 mm	Shoulder diameter outer ring
d_1	101,2 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	13,2	Calculation factor
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Właściwości

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