



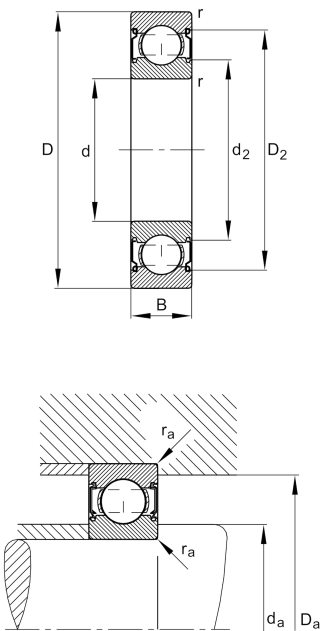
FAG

HC6202-C-2Z-C3>V

Deep groove ball bearing

Deep groove ball bearing HC62...-C-2Z,
Hybrid bearing, single row, Generation C,
shields, steel sheet metal cage

Informacje techniczne



Twoja aktualna wersja produktu

Version code	>V	Not marked on bearing
Material Bearing	HC	Hybrid bearing, rolling elements ceramic, bearing rings made of steel
Changed internal design	C	GenerationC
Sealing	2Z	Non-contact shield on both sides
Cage	JN	Steel sheet metal
Tolerance class	P6	Class 6 (ISO 492:2023)
Dimensional / heat stabilization	SN	Rings dimensional stabilized up to 120°
Lubricant	GA14	Ball bearing grease, low noise
Radial internal clearance	C3 (Group 3)	Internal clearance larger than CN
Bore type	Z	Cylindrical



Main Dimensions & Performance Data

d	15 mm	Bore diameter
D	35 mm	Outside diameter
B	11 mm	Width
C _r	8.900 N	Basic dynamic load rating, radial
C _{0r}	3.600 N	Basic static load rating, radial
C _{ur}	189 N	Fatigue load limit, radial
n _G	33.500 1/min	Limiting speed
n _{gr}	22.000 1/min	Reference speed
m	0,039 kg	Masa

Mounting dimensions

d _{a min}	19,2 mm	Minimum diameter shaft shoulder
D _{a max}	30,8 mm	Maximum diameter of housing shoulder
r _{a max}	0,6 mm	Maximum fillet radius

Dimensions

r _{min}	0,6 mm	Minimum chamfer dimension
D ₁	29 mm	Shoulder diameter outer ring
D ₂	30,92 mm	Caliber diameter outer ring
d ₁	21,06 mm	Shoulder diameter inner ring
d ₂	20,08 mm	Caliber diameter inner ring

Temperature range

T _{min}	-20 °C	Operating temperature min.
T _{max}	120 °C	Operating temperature max.

Calculation factors

f ₀	12,5	Calculation factor
----------------	------	--------------------



Właściwości

-  Obciążenie promieniowe
-  Obciążenie osiowe jednokierunkowe
-  Obciążenie osiowe dwukierunkowe
-  Smarowanie dożywotnie, bezobsługowe
-  Smarowanie smarem
-  Uszczelnienie dwustronne
-  Izolowane