



FAG

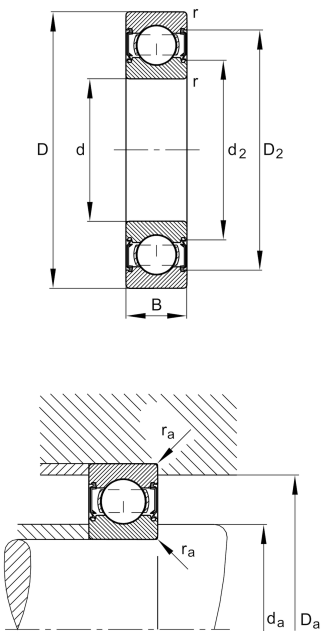
6204-C-2Z-N>V

Deep groove ball bearing

Deep groove ball bearing 62...-C-2Z-N, single row, Generation C, shields, ring groove, steel sheet metal cage



Informacje techniczne



Twoja aktualna wersja produktu

Version code	>V	Not marked on bearing
Changed internal design	C	GenerationC
Type of Seal	2Z	Non-contact shield on both sides
Design, bearing outer ring	N	Ring groove for snap ring
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	CN (Group N)	Normal internal clearance
Bore type	Z	Cylindrical



Main Dimensions & Performance Data

d	20 mm	Bore diameter
D	47 mm	Outside diameter
B	14 mm	Width
C _r	14.700 N	Basic dynamic load rating, radial
C _{0r}	6.600 N	Basic static load rating, radial
C _{ur}	455 N	Fatigue load limit, radial
n _G	20.600 1/min	Limiting speed
n _{gr}	18.100 1/min	Reference speed
m	0,103 kg	Masa

Mounting dimensions

d _{a min}	25,6 mm	Minimum diameter shaft shoulder
D _{a max}	41,4 mm	Maximum diameter of housing shoulder
r _{a max}	1 mm	Maximum fillet radius

Dimensions

r _{min}	1 mm	Minimum chamfer dimension
D ₁	39,06 mm	Shoulder diameter outer ring
D ₂	41 mm	Caliber diameter outer ring
d ₁	27,94 mm	Shoulder diameter inner ring
d ₂	26,77 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	13,1	Calculation factor
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Właściwości



Obciążenie promieniowe



Obciążenie osiowe jednokierunkowe



Obciążenie osiowe dwukierunkowe



Smarowanie dożywotnie, bezobsługowe



Smarowanie smarem



Uszczelnienie dwustronne