



FAG

61948

Deep groove ball bearing

Deep groove ball bearing 619, 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	S1	Rings dimensional stabilized up to 200°
Lubricant	Without	Bearing not greased
Radial internal clearance	CN (Group N)	Normal internal clearance
Bore type	Z	Cylindrical

Main Dimensions & Performance Data

d	240 mm	Bore diameter
D	320 mm	Outside diameter
B	38 mm	Width
C _r	211.000 N	Basic dynamic load rating, radial
C _{0r}	240.000 N	Basic static load rating, radial
C _{ur}	8.600 N	Fatigue load limit, radial
n _G	2.600 1/min	Limiting speed
n _{gr}	2.330 1/min	Reference speed
≈m	6,8 kg	Masa



Mounting dimensions

$d_{a\ min}$	250,2 mm	Minimum diameter shaft shoulder
$D_{a\ max}$	309,8 mm	Maximum diameter of housing shoulder
$r_{a\ max}$	2,1 mm	Maximum fillet radius

Dimensions

$r_{\ min}$	2,1 mm	Minimum chamfer dimension
$D_{\ 1}$	298 mm	Shoulder diameter outer ring
$d_{\ 1}$	262,85 mm	Shoulder diameter inner ring

Temperature range

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

Calculation factors

$f_{\ 0}$	16,3	Calculation factor
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Właściwości

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