



FAG

62307-A-2RSR

Deep groove ball bearing

Deep groove ball bearing 623..-A-2RSR,
single row, steel sheet metal cage

Informacje techniczne



Twoja aktualna wersja produktu

Changed internal design	A	Design variant A
Type of Seal	2RSR	Contact seal on both sides
Cage	JN	Steel sheet metal
Tolerance class	PN	Normal (ISO 492:2023)
Dimensional / heat stabilization	SN	Rings dimensional stabilized up to 120°
Lubricant	Lubricating grease	
Radial internal clearance	CN (Group N)	Normal internal clearance
Bore type	Z	Cylindrical

Main Dimensions & Performance Data

d	35 mm	Bore diameter
D	80 mm	Outside diameter
B	31 mm	Width
C _r	35.500 N	Basic dynamic load rating, radial
C _{0r}	19.200 N	Basic static load rating, radial
C _{ur}	1.330 N	Fatigue load limit, radial
n _G	5.300 1/min	Limiting speed
≈m	0,65 kg	Masa



Mounting dimensions

$d_{a\min}$	44 mm	Minimum diameter shaft shoulder
$D_{a\max}$	71 mm	Maximum diameter of housing shoulder
$r_{a\max}$	1,5 mm	Maximum fillet radius

Dimensions

$r_{\min}$	1,5 mm	Minimum chamfer dimension
D_1	66,9 mm	Shoulder diameter outer ring
D_2	70,1 mm	Caliber diameter outer ring
d_1	50,07 mm	Shoulder diameter inner ring
d_2	46,2 mm	Caliber diameter inner ring

Temperature range

$T_{\min}$	-20 °C	Operating temperature min.
$T_{\max}$	100 °C	Operating temperature max.

Calculation factors

f_0	13,2	Calculation factor
-------	------	--------------------

Właściwości

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