



FAG

61804-2RSR-C3>N

Deep groove ball bearing

Deep groove ball bearing 618...-2RSR, single row, seals, steel sheet metal cage

Informacje techniczne



Twoja aktualna wersja produktu

Version code	>N	Not marked on bearing
Sealing	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	C3 (Group 3)	Internal clearance larger than CN
Bore type	Z	Cylindrical

Main Dimensions & Performance Data

d	20 mm	Bore diameter
D	32 mm	Outside diameter
B	7 mm	Width
C _r	3.700 N	Basic dynamic load rating, radial
C _{0r}	2.240 N	Basic static load rating, radial
C _{ur}	139 N	Fatigue load limit, radial
n _G	11.300 1/min	Limiting speed
≈m	0,017 kg	Masa



Mounting dimensions

$d_{a \min}$	22 mm	Minimum diameter shaft shoulder
$D_{a \max}$	30 mm	Maximum diameter of housing shoulder
$r_{a \max}$	0,3 mm	Maximum fillet radius

Dimensions

$r_{\min}$	0,3 mm	Minimum chamfer dimension
D_1	28,3 mm	Shoulder diameter outer ring
D_2	29,1 mm	Caliber diameter outer ring
d_1	23,7 mm	Shoulder diameter inner ring

Temperature range

$T_{\min}$	-30 °C	Operating temperature min.
$T_{\max}$	100 °C	Operating temperature max.

Calculation factors

f_0	15,9	Calculation factor
-------	------	--------------------

Właściwości

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