



FAG

698-2RSR-R15-23>N

Deep groove ball bearing

Deep groove ball bearing 69...-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	R\$-\$	Special radial internal clearance in µm
Bore type	Z	Cylindrical

Main Dimensions & Performance Data

d	8 mm	Bore diameter
D	19 mm	Outside diameter
B	6 mm	Width
C _r	2.800 N	Basic dynamic load rating, radial
C _{0r}	1.060 N	Basic static load rating, radial
C _{ur}	65 N	Fatigue load limit, radial
n _G	25.500 1/min	Limiting speed
≈m	7,57 g	Masa



Mounting dimensions

d a min	10 mm	Minimum diameter shaft shoulder
D a max	17 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	15,5 mm	Shoulder diameter outer ring
D 2	16,7 mm	Caliber diameter outer ring
d 1	10,4 mm	Shoulder diameter inner ring
d 2	9,8 mm	Caliber diameter inner ring

Temperature range

T min	-30 °C	Operating temperature min.
T max	100 °C	Operating temperature max.

Calculation factors

f 0	12,4	Calculation factor
-----	------	--------------------

Właściwości

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