



FAG

6018-H-2Z-SN>N

Deep groove ball bearing

Deep groove ball bearing 60...-H-2Z, single row, H-Series, shields, steel sheet metal cage

Informacje techniczne



Twoja aktualna wersja produktu

Version code	>N	Not marked on bearing
Changed internal design	H	Design variant H (H-Series)
Type of Seal	2Z	Non-contact shield 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	90 mm	Bore diameter
D	140 mm	Outside diameter
B	24 mm	Width
C _r	52.340 N	Basic dynamic load rating, radial
C _{0r}	45.080 N	Basic static load rating, radial
C _{ur}	2.600 N	Fatigue load limit, radial
n _G	5.600 1/min	Limiting speed
n _{gr}	5.600 1/min	Reference speed
≈m	1,16 kg	Masa



Mounting dimensions

d a min	97 mm	Minimum diameter shaft shoulder
D a max	133 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	126,8 mm	Shoulder diameter outer ring
D 2	129,6 mm	Caliber diameter outer ring
d 1	107,2 mm	Shoulder diameter inner ring

Temperature range

T min	-20 °C	Operating temperature min.
T max	120 °C	Operating temperature max.

Calculation factors

f 0	15,7	Calculation factor
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Właściwości

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