



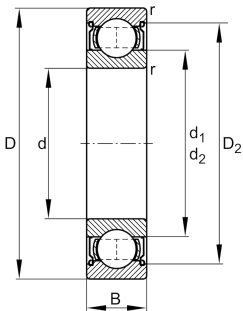
FAG

F687-2Z-HLC

Deep groove ball bearing

Deep groove ball bearing F68...-2Z, single row, with flange, shields, steel sheet metal cage

Informacje techniczne



Twoja aktualna wersja produktu

Logistical code	HLC	-
Cage	JN	Steel sheet metal
Design, bearing outer ring	F	Flange
Sealing	2Z	Non-contact shield on both sides
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

Main Dimensions & Performance Data

d	7 mm	Bore diameter
D	14 mm	Outside diameter
B	5 mm	Width
C _r	1.180 N	Basic dynamic load rating, radial
C _{0r}	511 N	Basic static load rating, radial
C _{ur}	13,6 N	Fatigue load limit, radial
n _G	58.000 1/min	Limiting speed
≈m	3,35 g	Masa



Dimensions

r _{min}	0,15 mm	Minimum chamfer dimension
D ₁	12 mm	Shoulder diameter outer ring
D ₂	12,7 mm	Caliber diameter outer ring
d ₁	9 mm	Shoulder diameter inner ring
d ₂	8,5 mm	Caliber diameter inner ring
B _f	1,1 mm	Width flange
D _f	16 mm	Outer diameter flange

Temperature range

T _{min}	-30 °C	Operating temperature min.
T _{max}	120 °C	Operating temperature max.

Calculation factors

f ₀	14,2	Calculation factor
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Właściwości

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