



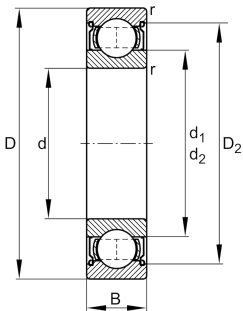
FAG

F624-2Z-HLC

Deep groove ball bearing

Deep groove ball bearing F62...-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	4 mm	Bore diameter
D	13 mm	Outside diameter
B	5 mm	Width
C _r	1.300 N	Basic dynamic load rating, radial
C _{0r}	485 N	Basic static load rating, radial
C _{ur}	13,2 N	Fatigue load limit, radial
n _G	61.000 1/min	Limiting speed
n _{gr}	44.500 1/min	Reference speed
≈m	3,54 g	Masa



Dimensions

$r_{\min}$	0,2 mm	Minimum chamfer dimension
D_1	10,45 mm	Shoulder diameter outer ring
D_2	11,3 mm	Caliber diameter outer ring
d_1	6,95 mm	Shoulder diameter inner ring
d_2	6 mm	Caliber diameter inner ring
B_f	1 mm	Width flange
D_f	15 mm	Outer diameter flange

Temperature range

$T_{\min}$	-30 °C	Operating temperature min.
$T_{\max}$	120 °C	Operating temperature max.

Calculation factors

f_0	12,2	Calculation factor
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Właściwości



Obciążenie promieniowe



Obciążenie osiowe jednokierunkowe



Obciążenie osiowe dwukierunkowe



Smarowanie dożywotnie, bezobsługowe



Smarowanie smarem



Uszczelnienie dwustronne