



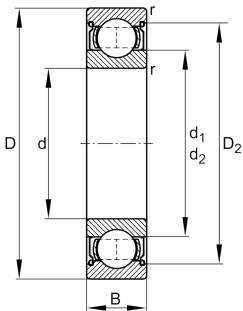
FAG

F686-2Z-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	6 mm	Bore diameter
D	13 mm	Outside diameter
B	5 mm	Width
C _r	1.080 N	Basic dynamic load rating, radial
C _{0r}	438 N	Basic static load rating, radial
C _{ur}	11,7 N	Fatigue load limit, radial
n _G	61.000 1/min	Limiting speed
≈m	3,06 g	Masa



Dimensions

r_{min}	0,15 mm	Minimum chamfer dimension
$D_1 \approx$	11 mm	Shoulder diameter outer ring
$D_2 \approx$	11,7 mm	Caliber diameter outer ring
$d_1 \approx$	8 mm	Shoulder diameter inner ring
$d_2 \approx$	7,4 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	13,7	Calculation factor
-------	------	--------------------

Właściwości

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