



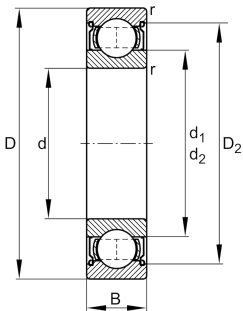
FAG

F61801-2Z-HLC

Deep groove ball bearing

Deep groove ball bearing F618..-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	12 mm	Bore diameter
D	21 mm	Outside diameter
B	5 mm	Width
C _r	1.920 N	Basic dynamic load rating, radial
C _{0r}	1.040 N	Basic static load rating, radial
C _{ur}	47,5 N	Fatigue load limit, radial
n _G	42.500 1/min	Limiting speed
n _{gr}	23.500 1/min	Reference speed
≈m	6,5 g	Masa



Dimensions

r _{min}	0,3 mm	Minimum chamfer dimension
D ₁	18,3 mm	Shoulder diameter outer ring
D ₂	19,15 mm	Caliber diameter outer ring
d ₁	14,8 mm	Shoulder diameter inner ring
d ₂	13,8 mm	Caliber diameter inner ring
B _f	1,1 mm	Width flange
D _f	23 mm	Outer diameter flange

Temperature range

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

Calculation factors

f ₀	15,3	Calculation factor
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Właściwości

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