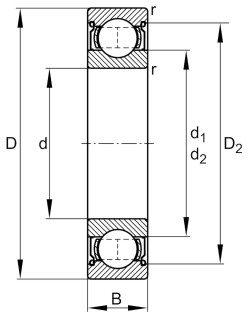
FAG

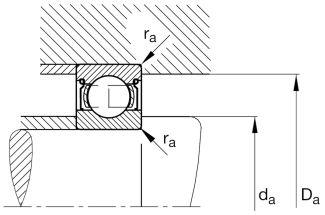
608-Z-HLN

Deep groove ball bearing

Deep groove ball bearing 60..-Z, single row, shield , steel sheet metal cage

Informacje techniczne





Twoja aktualna wersja produktu

Logistical code	HLN	-
Sealing	Z	Non-contact shield on one Side
Cage	JN	Steel sheet metal
Tolerance class	PN	Normal (ISO 492:2023)
Dimensional / heat stabilization	SN	Rings dimensional stabilized up to 120°
Lubricant	Without	Bearing not greased
Radial internal clearance	CN (Group N)	Normal internal clearance
Bore type	Z	Cylindrical

Main Dimensions & Performance Data

d	8 mm	Bore diameter
D	22 mm	Outside diameter
B	7 mm	Width
C_r	3.500 N	Basic dynamic load rating, radial
C_{0r}	1.370 N	Basic static load rating, radial
C_{ur}	85 N	Fatigue load limit, radial
n_G	47.000 1/min	Limiting speed
$n_{\vartheta r}$	31.500 1/min	Reference speed
≈m	0,012 kg	Masa

Mounting dimensions

$d_{a\ min}$	10 mm	Minimum diameter shaft shoulder
$D_{a\ max}$	20 mm	Maximum diameter of housing shoulder
$r_{a\ max}$	0,3 mm	Maximum fillet radius

Dimensions

r_{min}	0,3 mm	Minimum chamfer dimension
D_1	18 mm	Shoulder diameter outer ring
D_2	19,3 mm	Caliber diameter outer ring
d_1	12,3 mm	Shoulder diameter inner ring
d_2	11 mm	Caliber diameter inner ring

Temperature range

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

Calculation factors

f_0	12,4	Calculation factor

Właściwości

- Obciążenie promieniowe
- Obciążenie osiowe jednokierunkowe
- Obciążenie osiowe dwukierunkowe
- Smarowanie smarem
- Smarowanie olejem
- Uszczelnienie jednostronne