



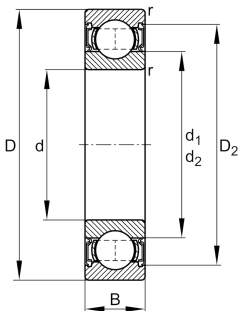
FAG

R4-2RSR-HLC

Deep groove ball bearing

Deep groove ball bearing R...2RSR, single row, seals, steel sheet metal cage

Informacje techniczne



Twoja aktualna wersja produktu

Logistical code	HLC	-
Sealing	2RSR	Contact seal on both sides
Cage	JN	Steel sheet metal
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
Bore type	Z	Cylindrical

Main Dimensions & Performance Data

d	6,35 mm	Bore diameter
D	15,875 mm	Outside diameter
B	4,978 mm	Width
C _r	1.480 N	Basic dynamic load rating, radial
C _{0r}	617 N	Basic static load rating, radial
C _{ur}	16,7 N	Fatigue load limit, radial
n _G	28.500 1/min	Limiting speed
≈m	4,2 g	Masa

Mounting dimensions

r _{a max}	0,3 mm	Maximum fillet radius
--------------------	--------	-----------------------



Dimensions

r min	0,3 mm	Minimum chamfer dimension
D 1	12,85 mm	Shoulder diameter outer ring
D 2	13,8 mm	Caliber diameter outer ring
d 1	9,35 mm	Shoulder diameter inner ring
d 2	8,4 mm	Caliber diameter inner ring

Temperature range

T min	-30 °C	Operating temperature min.
T max	100 °C	Operating temperature max.

Calculation factors

f 0	7,1	Calculation factor
-----	-----	--------------------

Właściwości

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