



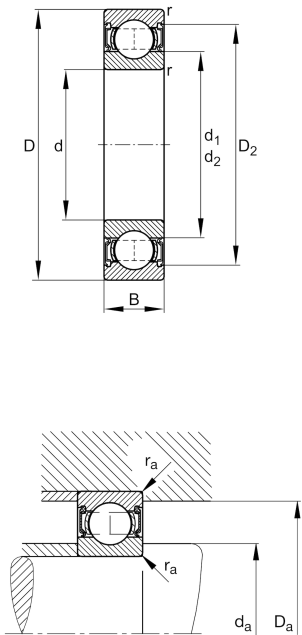
FAG

61814-2RSR-Y

Deep groove ball bearing

Deep groove ball bearing 618...-2RSR-Y,
single row, seals, brass sheet metal cage

Informacje techniczne



Twoja aktualna wersja produktu

Sealing	2RSR	Contact seal on both sides
Cage	Y	Brass sheet metal
Tolerance class	PN	Normal (ISO 492:2023)
Dimensional / heat stabilization	SN	Rings dimensional stabilized up to 120°
Lubricant	L565	Grease (L565/customer specific)
Radial internal clearance	CN (Group N)	Normal internal clearance
Bore type	Z	Cylindrical

Main Dimensions & Performance Data

d	70 mm	Bore diameter
D	90 mm	Outside diameter
B	10 mm	Width
C _r	13.200 N	Basic dynamic load rating, radial
C _{0r}	12.400 N	Basic static load rating, radial
C _{ur}	820 N	Fatigue load limit, radial
n _G	3.500 1/min	Limiting speed
≈m	0,14 kg	Masa

Mounting dimensions

d _{a min}	73,2 mm	Minimum diameter shaft shoulder
D _{a max}	86,8 mm	Maximum diameter of housing shoulder
r _{a max}	0,6 mm	Maximum fillet radius



Dimensions

r _{min}	0,6 mm	Minimum chamfer dimension
D ₁	83,4 mm	Shoulder diameter outer ring
D ₂	85,5 mm	Caliber diameter outer ring
d ₁	76,6 mm	Shoulder diameter inner ring

Temperature range

T _{min}	-30 °C	Operating temperature min.
T _{max}	100 °C	Operating temperature max.

Calculation factors

f ₀	16,1	Calculation factor
----------------	------	--------------------

Właściwości

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