



FAG

61824-2RSR-Y-C3

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	S0	Rings dimensional stabilized up to 150°
Lubricant	GA13	Ball bearing and insert bearing grease
Radial internal clearance	C3 (Group 3)	Internal clearance larger than CN
Bore type	Z	Cylindrical

Main Dimensions & Performance Data

d	120 mm	Bore diameter
D	150 mm	Outside diameter
B	16 mm	Width
C _r	30.500 N	Basic dynamic load rating, radial
C _{0r}	33.000 N	Basic static load rating, radial
C _{ur}	1.730 N	Fatigue load limit, radial
n _G	2.060 1/min	Limiting speed
m	0,58 kg	Masa

Mounting dimensions

d _{a min}	124,6 mm	Minimum diameter shaft shoulder
D _{a max}	145,4 mm	Maximum diameter of housing shoulder
r _{a max}	1 mm	Maximum fillet radius



Dimensions

r _{min}	1 mm	Minimum chamfer dimension
D ₁	140,61 mm	Shoulder diameter outer ring
D ₂	143,3 mm	Caliber diameter outer ring
d ₁	129,7 mm	Shoulder diameter inner ring

Temperature range

T _{min}	-20 °C	Operating temperature min.
T _{max}	100 °C	Operating temperature max.

Calculation factors

f ₀	16	Calculation factor
----------------	----	--------------------

Właściwości

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