



FAG

6028-2RSR-L058/80-C3

Deep groove ball bearing

Deep groove ball bearing 60...-2RSR, single row, seals, steel sheet metal cage

Informacje techniczne



Twoja aktualna wersja produktu

Sealing	2RSR	Contact seal on both sides
Cage	JN	Steel sheet metal
Tolerance class	PN	Normal (ISO 492:2023)
Dimensional / heat stabilization	S0	Rings dimensional stabilized up to 150°
Lubricant	L058	Grease (L058/customer specific)
Fill factor	80%	
Radial internal clearance	C3 (Group 3)	Internal clearance larger than CN
Bore type	Z	Cylindrical

Main Dimensions & Performance Data

d	140 mm	Bore diameter
D	210 mm	Outside diameter
B	33 mm	Width
C _r	117.000 N	Basic dynamic load rating, radial
C _{0r}	109.000 N	Basic static load rating, radial
C _{ur}	5.100 N	Fatigue load limit, radial
n _G	1.650 1/min	Limiting speed
≈m	3,58 kg	Masa



Mounting dimensions

$d_{a\ min}$	148,8 mm	Minimum diameter shaft shoulder
$D_{a\ max}$	201,2 mm	Maximum diameter of housing shoulder
$r_{a\ max}$	2 mm	Maximum fillet radius

Dimensions

$r_{\min}$	2 mm	Minimum chamfer dimension
D_1	187,54 mm	Shoulder diameter outer ring
D_2	191,28 mm	Caliber diameter outer ring
d_1	161,85 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	Calculation factor
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Właściwości

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