



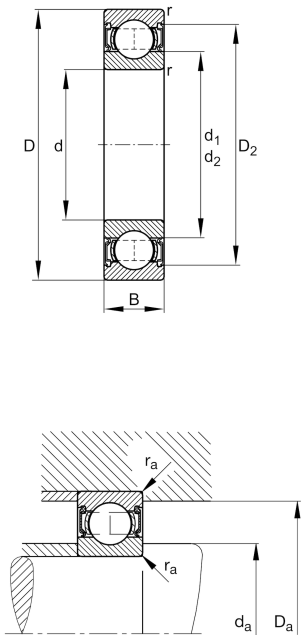
FAG

6309-2RSR-C3

Deep groove ball bearing

Deep groove ball bearing 63...2RSR, single row, seals, steel sheet metal cage

Thông số kĩ thuật



Mẫu mã sản phẩm hiện tại của bạn

Sealing	2RSR	Contact seal on both sides
Cage	JN	Steel sheet metal
Tolerance class	PN	Normal (PN)
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	45 mm	Bore diameter
D	100 mm	Outside diameter
B	25 mm	Width
C _r	56,000 N	Basic dynamic load rating, radial
C _{0r}	31,500 N	Basic static load rating, radial
C _{ur}	2,240 N	Fatigue load limit, radial
n _G	4,300 1/min	Limiting speed
≈m	0.835 kg	Trọng lượng

Mounting dimensions

d _{a min}	54 mm	Minimum diameter shaft shoulder
D _{a max}	91 mm	Maximum diameter of housing shoulder
r _{a max}	1.5 mm	Maximum fillet radius



Dimensions

$r_{\min}$	1.5 mm	Minimum chamfer dimension
D_1	83.3 mm	Shoulder diameter outer ring
D_2	85.64 mm	Caliber diameter outer ring
d_1	62 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	12.9	Calculation factor
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Đặc tính

	Tải hướng kính
	Tải dọc trục một hướng
	Tải dọc trục hai hướng
	Bôi trơn trọn đời, không cần bảo dưỡng
	Bôi trơn bằng mỡ
	Nắp các bên