

**FAG****6315-2RSR-C4**

Deep groove ball bearing

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

Technical information

**Your current product variant**

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	GA13	Ball bearing and insert bearing grease
Radial internal clearance	C4 (Group 4)	Internal clearance larger than C3
Bore type	Z	Cylindrical

Main Dimensions & Performance Data

d	75 mm	Bore diameter
D	160 mm	Outside diameter
B	37 mm	Width
C _r	123.000 N	Basic dynamic load rating, radial
C _{0r}	77.000 N	Basic static load rating, radial
C _{ur}	4.850 N	Fatigue load limit, radial
n _G	2.650 1/min	Limiting speed
m	3,18 kg	Weight

Mounting dimensions

d _{a min}	87 mm	Minimum diameter shaft shoulder
D _{a max}	148 mm	Maximum diameter of housing shoulder
r _{a max}	2,1 mm	Maximum fillet radius



Dimensions

r_{\min}	2,1 mm	Minimum chamfer dimension
D_1	133,34 mm	Shoulder diameter outer ring
D_2	137,22 mm	Caliber diameter outer ring
d_1	101,4 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	13,2	Calculation factor
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Characteristics

-  F_r Radial load
-  F_a Axial load in one direction
-  F_a Axial load in two directions
-  L_h Lifetime lubrication, freedom from maintenance
-  Grease Lubrication
-  Sealed on both sides