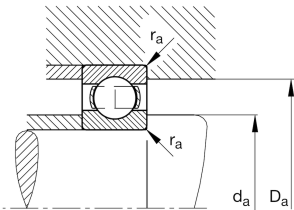
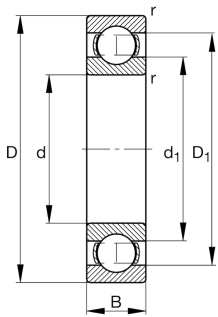


**FAG****6413-N**

Deep groove ball bearing

Deep groove ball bearing 64...-N, single row,
ring groove, steel sheet metal cage

Technical information



Your current product variant

Type of Seal	Without	Not sealed
Design, bearing outer ring	N	Ring groove for snap ring
Cage	JN	Steel sheet metal
Tolerance class	PN	Normal (ISO 492:2023)
Dimensional / heat stabilization	S0	Rings dimensional stabilized up to 150°
Lubricant	Without	Bearing not greased
Radial internal clearance	CN (Group N)	Normal internal clearance
Bore type	Z	Cylindrical

Main Dimensions & Performance Data

d	65 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	6.300 1/min	Limiting speed
n _{gr}	5.600 1/min	Reference speed
m	3,49 kg	Weight



Mounting dimensions

$d_{a\min}$	79 mm	Minimum diameter shaft shoulder
$D_{a\max}$	146 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_1	101,72 mm	Shoulder diameter inner ring

Temperature range

$T_{\min}$	-30 °C	Operating temperature min.
$T_{\max}$	150 °C	Operating temperature max.

Calculation factors

f_0	13,2	Calculation factor
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Characteristics

	Radial load
	Axial load in one direction
	Axial load in two directions
	Grease Lubrication
	Oil Lubrication
	Not sealed