



FAG

6030-R24-38

Deep groove ball bearing

Deep groove ball bearing 60, single row, steel sheet metal cage

Informacje techniczne



Twoja aktualna wersja produktu

Sealing	Without	Not sealed
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	R\$-\$	Special radial internal clearance in μm
Bore type	Z	Cylindrical

Main Dimensions & Performance Data

d	150 mm	Bore diameter
D	225 mm	Outside diameter
B	35 mm	Width
C_r	131.000 N	Basic dynamic load rating, radial
C_{0r}	124.000 N	Basic static load rating, radial
C_{ur}	5.600 N	Fatigue load limit, radial
n_G	3.950 1/min	Limiting speed
n_{gr}	3.850 1/min	Reference speed
$\approx m$	4,32 kg	Masa



Mounting dimensions

$d_{a\ min}$	160,2 mm	Minimum diameter shaft shoulder
$D_{a\ max}$	214,8 mm	Maximum diameter of housing shoulder
$r_{a\ max}$	2,1 mm	Maximum fillet radius

Dimensions

$r_{\ min}$	2,1 mm	Minimum chamfer dimension
$D_{\ 1}$	201,42 mm	Shoulder diameter outer ring
$d_{\ 1}$	174,36 mm	Shoulder diameter inner ring

Temperature range

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

Calculation factors

$f_{\ 0}$	16	Calculation factor
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Właściwości

-  Obciążenie promieniowe
-  Obciążenie osiowe jednokierunkowe
-  Obciążenie osiowe dwukierunkowe
-  Smarowanie smarem
-  Smarowanie olejem
-  Bez uszczelnienia