



FAG

16006-A-2Z-L212

Deep groove ball bearing

Deep groove ball bearing 160..-A-2Z, single row, shields, steel sheet metal cage

Informacje techniczne



Twoja aktualna wersja produktu

Changed internal design	A	Design variant A
Sealing	2Z	Non-contact shield on both sides
Cage	JN	Steel sheet metal
Tolerance class	PN	Normal (ISO 492:2023)
Dimensional / heat stabilization	SN	Rings dimensional stabilized up to 120°
Lubricant	L212	Grease (L212/customer specific)
Radial internal clearance	CN (Group N)	Normal internal clearance
Bore type	Z	Cylindrical

Main Dimensions & Performance Data

d	30 mm	Bore diameter
D	55 mm	Outside diameter
B	9 mm	Width
C _r	11.900 N	Basic dynamic load rating, radial
C _{0r}	7.400 N	Basic static load rating, radial
C _{ur}	470 N	Fatigue load limit, radial
n _G	15.700 1/min	Limiting speed
n _{gr}	10.000 1/min	Reference speed
≈m	85 g	Masa



Mounting dimensions

$d_{a \min}$	32 mm	Minimum diameter shaft shoulder
$D_{a \max}$	53 mm	Maximum diameter of housing shoulder
$r_{a \max}$	0,3 mm	Maximum fillet radius

Dimensions

$r_{\min}$	0,3 mm	Minimum chamfer dimension
D_1	47,85 mm	Shoulder diameter outer ring
D_2	50,4 mm	Caliber diameter outer ring
d_1	39,15 mm	Shoulder diameter inner ring

Temperature range

$T_{\min}$	-30 °C	Operating temperature min.
$T_{\max}$	120 °C	Operating temperature max.

Calculation factors

f_0	15,3	Calculation factor
-------	------	--------------------

Właściwości

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