



FAG

1206-J>J

Self-aligning ball bearing

Self-aligning ball bearing 12..-J, steel sheet metal cage

Informacje techniczne



Twoja aktualna wersja produktu

Version code	>J	Not marked on bearing
Bore type	Z	Cylindrical
Sealing	Without	Not sealed
Cage	J	Steel sheet metal
Tolerance class	PN	Normal (ISO 492:2023)
Radial internal clearance	CN (Group N)	Normal internal clearance
Lubricant	Without	Bearing not greased

Main Dimensions & Performance Data

d	30 mm	Bore diameter
D	62 mm	Outside diameter
B	16 mm	Width
C _r	15.900 N	Basic dynamic load rating, radial
C _{0r}	4.650 N	Basic static load rating, radial
C _{ur}	295 N	Fatigue load limit, radial
n _G	13.100 1/min	Limiting speed
n _{gr}	11.400 1/min	Reference speed
≈m	0,221 kg	Masa

Mounting dimensions

d _{a min}	35,6 mm	Minimum diameter shaft shoulder
D _{a max}	56,4 mm	Maximum diameter of housing shoulder
r _{a max}	1 mm	Maximum fillet radius



Dimensions

r_{min}	1 mm	Minimum chamfer dimension
D_1	51,61 mm	Shoulder diameter outer ring
d_1	40,1 mm	Shoulder diameter inner ring

Temperature range

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

Calculation factors

e	0,25	Limiting value of F_a/F_r for the applicability of diff. Values of factors X and Y
Y_1	2,54	Dynamic axial load factor
Y_2	3,93	Dynamic axial load factor
Y_0	2,66	Static axial load factor

Właściwości

	Obciążenie promieniowe
	Obciążenie osiowe jednokierunkowe
	Obciążenie osiowe dwukierunkowe
	Smarowanie smarem
	Smarowanie olejem
	Bez uszczelnienia
	Nieosiowość statyczna
	Nieosiowość dynamiczna