



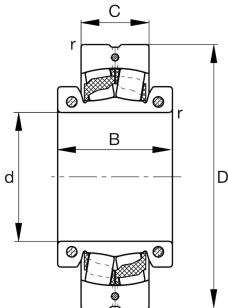
FAG

222S.315

Spherical Roller Bearing

Spherical roller bearings 222S, split spherical roller bearings, with inch size bearing bore

Informacje techniczne



Twoja aktualna wersja produktu

Design	E1A	Without central rip
Bore type	Z	Cylindrical
Cage	TVPA	Plastic cage
Radial internal clearance	CN (Group N)	Normal internal clearance
Relubrication feature	Standard	
Splitted	S.	Split bearing inch

Main Dimensions & Performance Data

d	100,013 mm	Bore diameter
D	200 mm	Outside diameter
C	53 mm	Width, outer ring
C _r	360.000 N	Basic dynamic load rating, radial
C _{0r}	460.000 N	Basic static load rating, radial
C _{ur}	40.500 N	Fatigue load limit, radial
n _G	1.590 1/min	Limiting speed
F _{a max}	13.800 N	Maximum axial load
≈m	10 kg	Masa

Mounting dimensions

M _i	35 Nm	Tightening torque clamping screw
M _a	14 Nm	Tightening torque clamping screw



Dimensions

r_{min}	2,1 mm	Minimum chamfer dimension
B	92 mm	Width inner ring

Temperature range

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

Calculation factors

e	0,24	Limiting value of F_a/F_r for the applicability of diff. Values of factors X and Y
Y_1	2,84	Dynamic axial load factor
Y_2	4,23	Dynamic axial load factor
Y_0	2,78	Static axial load factor

Additional information

22222K	Bearing designation
H322X315	Adapter sleeve
SNV200	Housing

Właściwości

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