

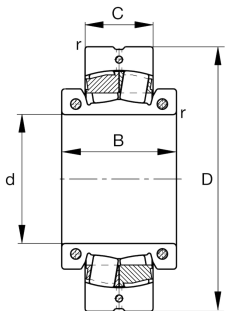
FAG

230S.907

Spherical Roller Bearing

Spherical roller bearing 230S

Informacje techniczne



Twoja aktualna wersja produktu

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

Main Dimensions & Performance Data

d	239,713 mm	Bore diameter
D	400 mm	Outside diameter
C	104 mm	Width, outer ring
C _r	1.240.000 N	Basic dynamic load rating, radial
C _{0r}	2.120.000 N	Basic static load rating, radial
C _{ur}	180.000 N	Fatigue load limit, radial
n _G	690 1/min	Limiting speed
F _{a max}	32.000 N	Maximum axial load
≈m	57,4 kg	Masa

Mounting dimensions

M _i	120 Nm	Tightening torque clamping screw
M _a	69 Nm	Tightening torque clamping screw



Dimensions

$r_{\min}$	4 mm	Minimum chamfer dimension
B	160 mm	Width inner ring

Temperature range

$T_{\min}$	-30 °C	Operating temperature min.
$T_{\max}$	200 °C	Operating temperature max.

Calculation factors

e	0,22	Limiting value of F_a/F_r for the applicability of diff. Values of factors X and Y
Y_1	3,04	Dynamic axial load factor
Y_2	4,53	Dynamic axial load factor
Y_0	2,97	Static axial load factor

Additional information

23052K	Bearing designation
H3052XX907	Adapter sleeve

Właściwości

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