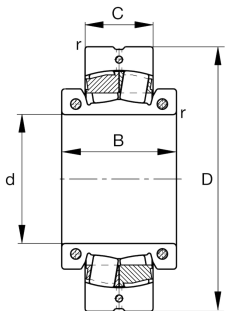


FAG

230S.1100 
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	279,4 mm	Bore diameter
D	460 mm	Outside diameter
C	118 mm	Width, outer ring
C _r	1.590.000 N	Basic dynamic load rating, radial
C _{0r}	2.800.000 N	Basic static load rating, radial
C _{ur}	232.000 N	Fatigue load limit, radial
n _G	590 1/min	Limiting speed
F _{a max}	32.000 N	Maximum axial load
≈m	94 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
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B	176 mm	Width inner ring
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Temperature range

T _{min}	-30 °C	Operating temperature min.
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T _{max}	200 °C	Operating temperature max.
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Calculation factors

e	0,22	Limiting value of Fa/Fr for the applicability of diff. Values of factors X and Y
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Y ₁	3,04	Dynamic axial load factor
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Y ₂	4,53	Dynamic axial load factor
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Y ₀	2,97	Static axial load factor
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Additional information

23060K	Bearing designation
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H3060X1100	Adapter sleeve
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SNS3060-H-D	Housing
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Właściwości

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