FAG

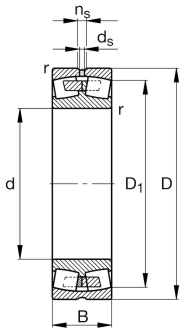
X-life

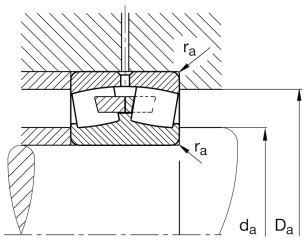
23040-E1A-XL-M-H40AB

Spherical Roller Bearing

Spherical roller bearing 230..-E1A-XL-M-H40AB, symmetric 2 outer ribs

Informacje techniczne





Twoja aktualna wersja produktu

Design	E1A	Without central rip
Bore type	Z	Cylindrical
Cage	M	Brass Cage
Radial internal clearance	CN (Group N)	Normal internal clearance
Relubrication	H40AB	6 lubricating holes at the inner ring

Main Dimensions & Performance Data

d	200 mm	Bore diameter
D	310 mm	Outside diameter
B	82 mm	Width
C_r	1.270.000 N	Basic dynamic load rating, radial
C_{0r}	1.800.000 N	Basic static load rating, radial
C_{ur}	206.000 N	Fatigue load limit, radial
n_G	2.330 1/min	Limiting speed
$n_{\vartheta r}$	1.550 1/min	Reference speed
≈m	22,355 kg	Masa

Mounting dimensions

$d_{a\ min}$	210,2 mm	Minimum diameter shaft shoulder
$D_{a\ max}$	299,8 mm	Maximum diameter of housing shoulder
$r_{a\ max}$	2,1 mm	Maximum recess radius

Dimensions

r_{min}	2,1 mm	Minimum chamfer dimension
D_1	281,6 mm	Bore diameter outer ring
d_s	8 mm	Diameter lubrication hole
n_s	15 mm	Width of lubricating groove

Temperature range

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

Calculation factors

e	0,23	Limiting value of Fa/Fr for the applicability of diff. Values of factors X and Y
Y_1	2,9	Dynamic axial load factor
Y_2	4,31	Dynamic axial load factor
Y_0	2,83	Static axial load factor

Właściwości

Obciążenie promieniowe

Obciążenie osiowe jednokierunkowe

Obciążenie osiowe dwukierunkowe


Smarowanie smarem


Smarowanie olejem


Bez uszczelnienia


Nieosiowość statyczna


Nieosiowość dynamiczna