

FAG

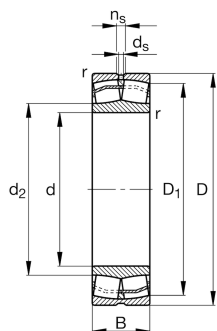
22313-E1-XL-H40-C4

Spherical Roller Bearing

Spherical roller bearing 223...-E1-XL-H40,
symmetric with cage guidance ring

X-life

Informacje techniczne



Twoja aktualna wersja produktu

Design	E1	Without central rip
Bore type	Z	Cylindrical
Cage	JPA	Sheet metal cage
Radial internal clearance	C4 (Group 4)	Internal clearance larger than C3
Relubrication feature	H40	Without lubricating groove and holes

Main Dimensions & Performance Data

d	65 mm	Bore diameter
D	140 mm	Outside diameter
B	48 mm	Width
C _r	350.000 N	Basic dynamic load rating, radial
C _{0r}	365.000 N	Basic static load rating, radial
C _{ur}	33.500 N	Fatigue load limit, radial
n _G	5.000 1/min	Limiting speed
n _{gr}	3.800 1/min	Reference speed
≈m	3,611 kg	Masa



Mounting dimensions

$d_{a\ min}$	77 mm	Minimum diameter shaft shoulder
$D_{a\ max}$	128 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	119,3 mm	Bore diameter outer ring
d_2	83,2 mm	Raceway diameter of the inner ring

Temperature range

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

Calculation factors

e	0,34	Limiting value of F_a/F_r for the applicability of diff. Values of factors X and Y
Y_1	2	Dynamic axial load factor
Y_2	2,98	Dynamic axial load factor
Y_0	1,96	Static axial load factor

Właściwości

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