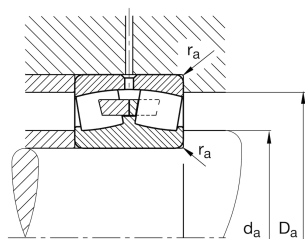


**FAG****22310-E1A-XL-M-C4**

Spherical Roller Bearing

Spherical roller bearing 223...-E1A-XL-M,
symmetric 2 outer ribs**X-life**

Informacje techniczne



Twoja aktualna wersja produktu

Design	E1A	Without central rip
Bore type	Z	Cylindrical
Cage	M	Brass Cage
Radial internal clearance	C4 (Group 4)	Internal clearance larger than C3
Relubrication feature	Standard	

Main Dimensions & Performance Data

d	50 mm	Bore diameter
D	110 mm	Outside diameter
B	40 mm	Width
C _r	229.000 N	Basic dynamic load rating, radial
C _{0r}	223.000 N	Basic static load rating, radial
C _{ur}	20.700 N	Fatigue load limit, radial
n _G	6.300 1/min	Limiting speed
n _{gr}	4.800 1/min	Reference speed
≈m	1,838 kg	Masa

Mounting dimensions

d _{a min}	61 mm	Minimum diameter shaft shoulder
D _{a max}	99 mm	Maximum diameter of housing shoulder
r _{a max}	2 mm	Maximum recess radius



Dimensions

$r_{\min}$	2 mm	Minimum chamfer dimension
D_1	92,6 mm	Bore diameter outer ring
d_2	63 mm	Raceway diameter of the inner ring
d_s	3,2 mm	Diameter lubrication hole
n_s	6,5 mm	Width of lubricating groove

Temperature range

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

Calculation factors

e	0,36	Limiting value of F_a/F_r for the applicability of diff. Values of factors X and Y
Y_1	1,86	Dynamic axial load factor
Y_2	2,77	Dynamic axial load factor
Y_0	1,82	Static axial load factor