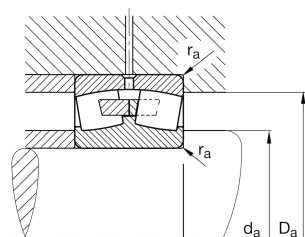


**FAG****22330-E1A-XL-M**

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	CN (Group N)	Normal internal clearance
Relubrication feature	Standard	

Main Dimensions & Performance Data

d	150 mm	Bore diameter
D	320 mm	Outside diameter
B	108 mm	Width
C_r	1.640.000 N	Basic dynamic load rating, radial
C_{0r}	1.850.000 N	Basic static load rating, radial
C_{ur}	151.000 N	Fatigue load limit, radial
n_G	2.290 1/min	Limiting speed
n_{gr}	1.520 1/min	Reference speed
$\approx m$	42,3 kg	Masa

Mounting dimensions

$d_{a \min}$	167 mm	Minimum diameter shaft shoulder
$D_{a \max}$	303 mm	Maximum diameter of housing shoulder
$r_{a \max}$	3 mm	Maximum recess radius



Dimensions

r _{min}	4 mm	Minimum chamfer dimension
D ₁	273,2 mm	Bore diameter outer ring
d ₂	185,3 mm	Raceway diameter of the inner ring
d _s	9,5 mm	Diameter lubrication hole
n _s	17,7 mm	Width of lubricating groove

Temperature range

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

Calculation factors

e	0,33	Limiting value of Fa/Fr for the applicability of diff. Values of factors X and Y
Y ₁	2,02	Dynamic axial load factor
Y ₂	3	Dynamic axial load factor
Y ₀	1,97	Static axial load factor