



FAG

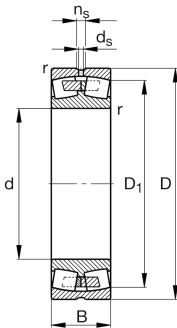
22228-E1A-XL-K-2RSR-M-L271

Spherical Roller Bearing

Spherical Roller Bearing 222...-E1A-XL-K-2RSR-M, symmetrical 2 outer ribs, sealed

X-life

Informacje techniczne



Twoja aktualna wersja produktu

Design	E1A	Without central rip
Bore type	K	Tapered, taper 1:12
Cage	M	Brass Cage
Relubrication	Standard	
Special material	Standard	

Main Dimensions & Performance Data

d	140 mm	Bore diameter
D	250 mm	Outside diameter
B	68 mm	Width
C _r	830.000 N	Basic dynamic load rating, radial
C _{0r}	970.000 N	Basic static load rating, radial
C _{ur}	100.000 N	Fatigue load limit, radial
n _G	820 1/min	Limiting speed
m	13,555 kg	Masa



Mounting dimensions

$d_{a\min}$	154 mm	Minimum diameter shaft shoulder
$D_{a\max}$	236 mm	Maximum diameter of housing shoulder
$r_{a\max}$	2,5 mm	Maximum recess radius
$d_{a\max}$	164 mm	Maximum diameter of shaft shoulder
$d_{b\min}$	149 mm	Minimum cavity diameter of the sleeve
$B_{a\min}$	8 mm	Minimum cavity width of the sleeve

Dimensions

$r_{\min}$	3 mm	Minimum chamfer dimension
D_1	223,3 mm	Bore diameter outer ring
d_s	6,3 mm	Diameter lubrication hole
n_s	12,2 mm	Width of lubricating groove

Temperature range

$T_{\min}$	-30 °C	Operating temperature min.
$T_{\max}$	100 °C	Operating temperature max.

Calculation factors

e	0,24	Limiting value of F_a/F_r for the applicability of diff. Values of factors X and Y
Y_1	2,81	Dynamic axial load factor
Y_2	4,19	Dynamic axial load factor
Y_0	2,75	Static axial load factor

Additional information

H3128	Adapter sleeve
AHX3128	Withdrawal sleeve



Właściwości

-  Obciążenie promieniowe
-  Obciążenie osiowe jednokierunkowe
-  Obciążenie osiowe dwukierunkowe
-  Smarowanie dożywotnie, bezobsługowe
-  Smarowanie smarem
-  Uszczelnienie dwustronne
-  Nieosiowość statyczna
-  Nieosiowość dynamiczna