



FAG

22324-E1A-XL-K-MA-T41A

Spherical Roller Bearing

Spherical roller bearing 223...-E1A-XL-K-MA-T41A, symmetric 2 outer ribs

X-life

Informacje techniczne



Twoja aktualna wersja produktu

Design	E1A	Without central rip
Bore type	K	Tapered, taper 1:12
Cage	MA	Solid brass cage
Radial internal clearance	C4 (Group 4)	Internal clearance larger than C3
Relubrication feature	Standard	
Spherical roller bearing for vibrating screens	T41A	For vibrating screens

Main Dimensions & Performance Data

d	120 mm	Bore diameter
D	260 mm	Outside diameter
B	86 mm	Width
C _r	1.080.000 N	Basic dynamic load rating, radial
C _{0r}	1.170.000 N	Basic static load rating, radial
C _{ur}	105.000 N	Fatigue load limit, radial
n _G	2.850 1/min	Limiting speed
n _{gr}	2.000 1/min	Reference speed

≈m	22,153 kg	Masa
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Mounting dimensions

d _{a min}	134 mm	Minimum diameter shaft shoulder
D _{a max}	246 mm	Maximum diameter of housing shoulder
r _{a max}	2,5 mm	Maximum recess radius
d _{a max}	150 mm	Maximum diameter of shaft shoulder
d _{b min}	131 mm	Minimum cavity diameter of the sleeve
B _{a min}	7 mm	Minimum cavity width of the sleeve

Dimensions

r _{min}	3 mm	Minimum chamfer dimension
D ₁	222,4 mm	Bore diameter outer ring
d ₂	150,7 mm	Raceway diameter of the inner 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	0,33	Limiting value of Fa/Fr for the applicability of diff. Values of factors X and Y
Y ₁	2,06	Dynamic axial load factor
Y ₂	3,06	Dynamic axial load factor
Y ₀	2,01	Static axial load factor

Additional information

H2324	Adapter sleeve
AHX2324G	Withdrawal sleeve