

FAG

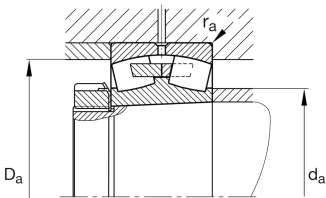
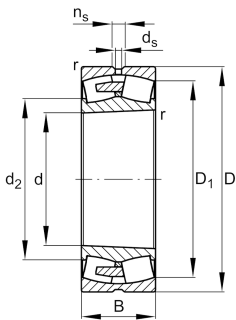
24064-BEA-XL-K30-MB1-C3

Spherical Roller Bearing

Spherical roller bearings 240...-BEA-K30, main dimensions to DIN 635-2, with tapered bore, taper 1:30

X-life

Informacje techniczne



Twoja aktualna wersja produktu

Design	BEA	With lose center lip ring
Bore type	K30	Tapered, taper 1:30
Cage	MB1	Solid brass cage
Radial internal clearance	C3 (Group 3)	Internal clearance larger than CN
Relubrication feature	Standard	

Main Dimensions & Performance Data

d	320 mm	Bore diameter
D	480 mm	Outside diameter
B	160 mm	Width
C _r	2.950.000 N	Basic dynamic load rating, radial
C _{0r}	5.200.000 N	Basic static load rating, radial
C _{ur}	465.000 N	Fatigue load limit, radial
n _G	1.200 1/min	Limiting speed
n _{gr}	670 1/min	Reference speed

Mounting dimensions

d _{a min}	334,6 mm	Minimum diameter shaft shoulder
D _{a max}	465,4 mm	
r _{a max}	3 mm	Maximum recess radius



Dimensions

r_{min}	4 mm	Minimum chamfer dimension
D_1	422,3 mm	Bore diameter outer 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	0,3	
Y_1	2,23	Dynamic axial load factor
Y_2	3,32	Dynamic axial load factor
Y_0	2,18	Static axial load factor

Additional information

AH24064-H	Withdrawal sleeve
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Właściwości

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