



FAG

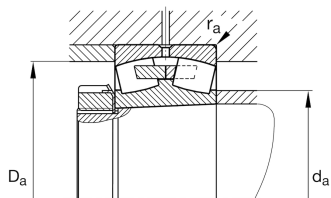
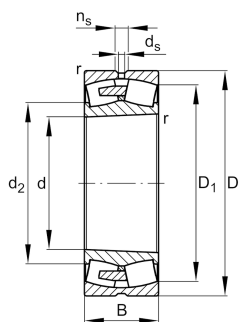
24068-BEA-XL-K30-MB1-C4 [🔗](#)

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	C4 (Group 4)	Internal clearance larger than C3
Relubrication feature	Standard	

Main Dimensions & Performance Data

d	340 mm	Bore diameter
D	520 mm	Outside diameter
B	180 mm	Width
C _r	3.550.000 N	Basic dynamic load rating, radial
C _{0r}	6.200.000 N	Basic static load rating, radial
C _{ur}	530.000 N	Fatigue load limit, radial
n _G	1.080 1/min	Limiting speed
n _{gr}	610 1/min	Reference speed
≈m	136,36 kg	Masa

Mounting dimensions

d _{a min}	358 mm	Minimum diameter shaft shoulder
D _{a max}	502 mm	
r _{a max}	4 mm	Maximum recess radius



Dimensions

r_{min}	5 mm	Minimum chamfer dimension
D_1	456,1 mm	Bore diameter outer 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	0,32	
Y_1	2,12	Dynamic axial load factor
Y_2	3,15	Dynamic axial load factor
Y_0	2,07	Static axial load factor

Additional information

AH24068-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