



FAG

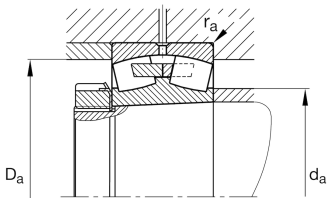
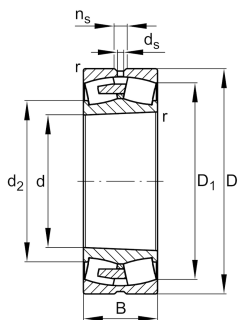
22356-BEA-XL-K-MB1-C3

Spherical Roller Bearing

Spherical roller bearing 223...-BEA-XL-K-MB1, symmetric 2 outer ribs with rib washer

X-life

Informacje techniczne



Twoja aktualna wersja produktu

Design	BEA	With lose center lip ring
Bore type	K	Tapered, taper 1:12
Cage	MB1	Solid brass cage
Radial internal clearance	C3 (Group 3)	Internal clearance larger than CN
Relubrication feature	Standard	

Main Dimensions & Performance Data

d	280 mm	Bore diameter
D	580 mm	Outside diameter
B	175 mm	Width
C _r	4.150.000 N	Basic dynamic load rating, radial
C _{0r}	5.300.000 N	Basic static load rating, radial
C _{ur}	405.000 N	Fatigue load limit, radial
n _G	1.280 1/min	Limiting speed
n _{gr}	670 1/min	Reference speed
≈m	216,5 kg	Masa



Mounting dimensions

d _{a min}	306 mm	Minimum diameter shaft shoulder
D _{a max}	554 mm	
r _{a max}	5 mm	Maximum recess radius
d _{a max}	349 mm	
d _{b min}	299 mm	Minimum cavity diameter of the sleeve
B _{a min}	12 mm	Minimum cavity width of the sleeve

Dimensions

r _{min}	6 mm	Minimum chamfer dimension
D ₁	495,5 mm	Bore diameter outer ring
d _s	12,5 mm	Diameter lubrication hole
n _s	23,5 mm	Width of lubricating groove

Temperature range

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

Calculation factors

e	0,31	
Y ₁	2,18	Dynamic axial load factor
Y ₂	3,24	Dynamic axial load factor
Y ₀	2,13	Static axial load factor

Additional information

H2356X	Adapter sleeve
AH2356G	Withdrawal sleeve



Właściwości



Obciążenie promieniowe



Obciążenie osiowe jednokierunkowe



Obciążenie osiowe dwukierunkowe



Smarowanie smarem



Smarowanie olejem



Bez uszczelnienia



Łożysko gabarytowe



Nieosiowość statyczna



Nieosiowość dynamiczna