



FAG

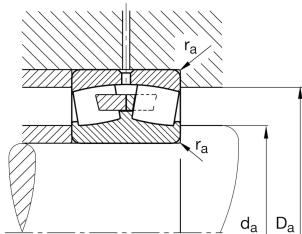
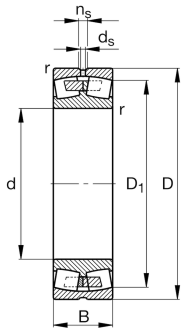
23034-E1A-XL-M-T52BW

Spherical Roller Bearing

Spherical roller bearings 230...E1A, main dimensions to DIN 635-2

X-life

Informacje techniczne



Twoja aktualna wersja produktu

Design	E1A	Without central rip
Bore type	Z	Cylindrical
Cage	M	Brass Cage
Relubrication feature	Standard	

Main Dimensions & Performance Data

d	170 mm	Bore diameter
D	260 mm	Outside diameter
B	67 mm	Width
C _r	880.000 N	Basic dynamic load rating, radial
C _{0r}	1.230.000 N	Basic static load rating, radial
C _{ur}	151.000 N	Fatigue load limit, radial
n _G	2.800 1/min	Limiting speed
n _{gr}	1.890 1/min	Reference speed
m	12,586 kg	Masa

Mounting dimensions

d _{a min}	180,2 mm	Minimum diameter shaft shoulder
D _{a max}	249,8 mm	Maximum diameter of housing shoulder
r _{a max}	2,1 mm	Maximum recess radius



Dimensions

r_{min}	2,1 mm	Minimum chamfer dimension
D_1	237,2 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}	200 °C	Operating temperature max.

Calculation factors

e	0,23	Limiting value of F_a/F_r for the applicability of diff. Values of factors X and Y
Y_1	2,98	Dynamic axial load factor
Y_2	4,44	Dynamic axial load factor
Y_0	2,92	Static axial load factor

Właściwości

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