

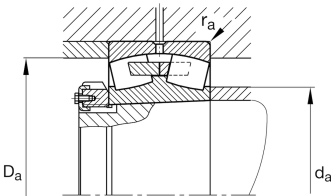
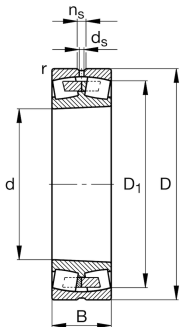
FAG

23940-S-K-MB-C4

Spherical Roller Bearing

Spherical roller bearings 239...-K, main dimensions to DIN 635-2, with tapered bore, taper 1:12

Informacje techniczne



Twoja aktualna wersja produktu

Bore type	K	Tapered, taper 1:12
Cage	MB	Solid brass cage
Radial internal clearance	C4 (Group 4)	Internal clearance larger than C3
Relubrication feature	S	With 3 lubricating holes and groove

Main Dimensions & Performance Data

d	200 mm	Bore diameter
D	280 mm	Outside diameter
B	60 mm	Width
C _r	550.000 N	Basic dynamic load rating, radial
C _{0r}	1.070.000 N	Basic static load rating, radial
C _{ur}	73.000 N	Fatigue load limit, radial
n _G	2.800 1/min	Limiting speed
n _{gr}	1.650 1/min	Reference speed

m	11,01 kg	Masa
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Mounting dimensions

d _{a min}	210,2 mm	Minimum diameter shaft shoulder
D _{a max}	269,8 mm	Maximum diameter of housing shoulder
r _{a max}	2,1 mm	Maximum recess radius
d _{a max}	220 mm	Maximum diameter of shaft shoulder
d _{b min}	210 mm	Minimum cavity diameter of the sleeve
B _{a min}	9 mm	Minimum cavity width of the sleeve

Dimensions

r _{min}	2,1 mm	Minimum chamfer dimension
D ₁	256,9 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	0,2	Limiting value of Fa/Fr for the applicability of diff. Values of factors X and Y
Y ₁	3,42	Dynamic axial load factor
Y ₂	5,09	Dynamic axial load factor
Y ₀	3,34	Static axial load factor

Additional information

H3940	Adapter sleeve
AH3940	Withdrawal sleeve



Właściwości



Obciążenie promieniowe



Obciążenie osiowe jednokierunkowe



Obciążenie osiowe dwukierunkowe



Smarowanie smarem



Smarowanie olejem



Bez uszczelnienia



Nieosiowość statyczna



Nieosiowość dynamiczna