



PRODUCT DATASHEET

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MOTION & CONTROL
NSK



23132CAME4

Spherical Roller Bearings

Parts Number

23132CAME4C3

Boundary Dimensions

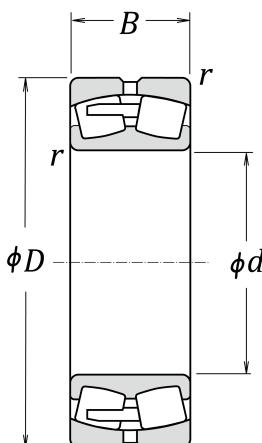
d	160	mm	Bore diameter
D	270	mm	Outside diameter
B	86	mm	Width
r (min.)	2.1	mm	Chamfer dimension

Basic Load Ratings

Cr	1070000	N	Basic dynamic load rating
C0r	1400000	N	Basic static load rating

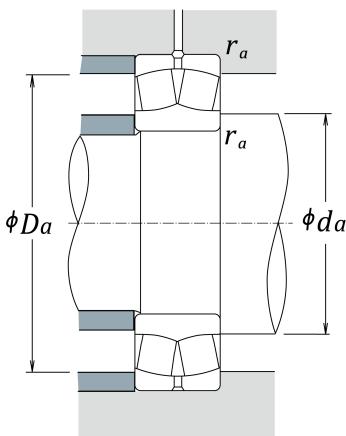
Speeds

Thermal Speed Rating (Oil-bath)	2000	min-1	Oil-bath lubrication subject to conditions outlined in ISO 15312
Mechanical (forced-circulation oil)	2600	min-1	Properly designed and controlled forced-circulation oil lubrication
Grease	1000	min-1	Grease lubrication
Oil (Oil-bath)	1300	min-1	Oil-bath lubrication



Abutment and Fillet Dimensions

da (min.)	172	mm	Diameter of shaft abutment
Da (min.)	234	mm	Diameter of housing abutment
Da (max.)	258	mm	Diameter of housing abutment
ra (max.)	2	mm	Radius of shaft or housing fillet



Calculation factors

e	0.3	Constant
Y2	3.4	Axial load Factors
Y3	2.3	Axial load Factors
Y0	2.2	Axial load Factors

Mass

Mass approx.	20.3	kg	Mass approx.
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