



# PRODUCT DATASHEET

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MOTION & CONTROL  
**NSK**



## 23052CAME4

### Spherical Roller Bearings

#### Parts Number

23052CAME4C3

#### Boundary Dimensions

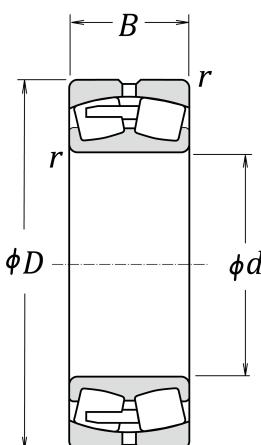
d	260	mm	Bore diameter
D	400	mm	Outside diameter
B	104	mm	Width
r (min.)	4	mm	Chamfer dimension

#### Basic Load Ratings

Cr	1780000	N	Basic dynamic load rating
C0r	2580000	N	Basic static load rating

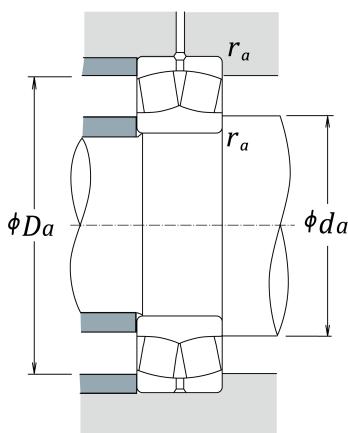
#### Speeds

Thermal Speed Rating (Oil-bath)	1300	min-1	Oil-bath lubrication subject to conditions outlined in ISO 15312
Mechanical (forced-circulation oil)	1900	min-1	Properly designed and controlled forced-circulation oil lubrication
Grease	800	min-1	Grease lubrication
Oil (Oil-bath)	950	min-1	Oil-bath lubrication



#### Abutment and Fillet Dimensions

da (min.)	278	mm	Diameter of shaft abutment
Da (min.)	356	mm	Diameter of housing abutment
Da (max.)	382	mm	Diameter of housing abutment
ra (max.)	3	mm	Radius of shaft or housing fillet



#### Calculation factors

e	0.25	Constant
Y2	4.1	Axial load Factors
Y3	2.7	Axial load Factors
Y0	2.7	Axial load Factors

#### Mass

Mass approx.	46.6	kg	Mass approx.
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