



# PRODUCT DATASHEET

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MOTION & CONTROL  
**NSK**



## 24032CE4

### Spherical Roller Bearings

#### Parts Number

24032CE4C4

#### Boundary Dimensions

d	160	mm	Bore diameter
D	240	mm	Outside diameter
B	80	mm	Width
r (min.)	2.1	mm	Chamfer dimension

#### Basic Load Ratings

Cr	845000	N	Basic dynamic load rating
C0r	1260000	N	Basic static load rating

#### Speeds

Thermal Speed Rating (Oil-bath)	1800	min-1	Oil-bath lubrication subject to conditions outlined in ISO 15312
Mechanical (forced-circulation oil)	2800	min-1	Properly designed and controlled forced-circulation oil lubrication
Grease	1100	min-1	Grease lubrication
Oil (Oil-bath)	1400	min-1	Oil-bath lubrication

#### Abutment and Fillet Dimensions

da (min.)	172	mm	Diameter of shaft abutment
da (max.)	177	mm	Diameter of shaft abutment
Da (min.)	212	mm	Diameter of housing abutment
Da (max.)	228	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.	12.7	kg	Mass approx.
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