



# PRODUCT DATASHEET

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MOTION & CONTROL  
**NSK**



## 22228CDE4

### Spherical Roller Bearings

#### Boundary Dimensions

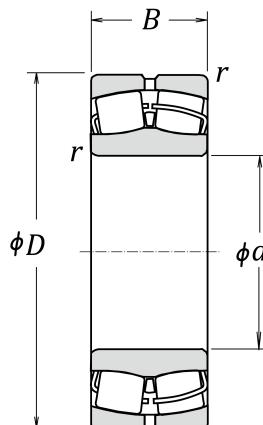
d	140	mm	Bore diameter
D	250	mm	Outside diameter
B	68	mm	Width
r (min.)	3	mm	Chamfer dimension

#### Basic Load Ratings

Cr	645000	N	Basic dynamic load rating
C0r	930000	N	Basic static load rating

#### Speeds

Thermal Speed Rating (Oil-bath)	2400	min-1	Oil-bath lubrication subject to conditions outlined in ISO 15312
Grease	1400	min-1	Grease lubrication
Oil (Oil-bath)	1700	min-1	Oil-bath lubrication



#### Abutment and Fillet Dimensions

da (min.)	154	mm	Diameter of shaft abutment
da (max.)	167	mm	Diameter of shaft abutment
Da (min.)	219	mm	Diameter of housing abutment
Da (max.)	236	mm	Diameter of housing abutment
ra (max.)	2.5	mm	Radius of shaft or housing fillet

#### Calculation factors

e	0.25	Constant
Y2	4	Axial load Factors
Y3	2.7	Axial load Factors
Y0	2.6	Axial load Factors

#### Mass

Mass approx.	14.5	kg	Mass approx.
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