



# PRODUCT DATASHEET

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MOTION & CONTROL  
**NSK**



## 22226EAKE4

### Spherical Roller Bearings

#### Parts Number

22226EAKE4C3

#### Boundary Dimensions

d	130	mm	Bore diameter
D	230	mm	Outside diameter
B	64	mm	Width
r (min.)	3	mm	Chamfer dimension

#### Basic Load Ratings

Cr	820000	N	Basic dynamic load rating
C0r	940000	N	Basic static load rating

#### Speeds

Thermal Speed Rating (Oil-bath)	2800	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	2200	min-1	Grease lubrication
Oil (Oil-bath)	2600	min-1	Oil-bath lubrication

#### Abutment and Fillet Dimensions

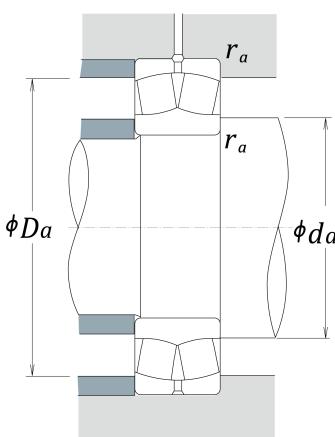
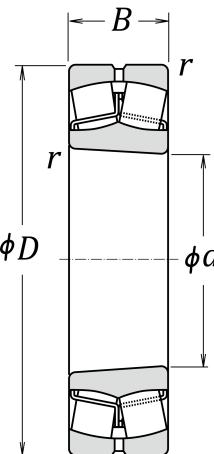
da (min.)	144	mm	Diameter of shaft abutment
da (max.)	152	mm	Diameter of shaft abutment
Da (min.)	204	mm	Diameter of housing abutment
Da (max.)	216	mm	Diameter of housing abutment
ra (max.)	2.5	mm	Radius of shaft or housing fillet

#### Calculation factors

e	0.26	Constant
Y2	3.8	Axial load Factors
Y3	2.6	Axial load Factors
Y0	2.5	Axial load Factors

#### Mass

Mass approx.	11	kg	Mass approx.
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#### Associated products

Adapter	H3126	Adapter
Withdrawal sleeve	AHX3126	Withdrawal sleeve