



# PRODUCT DATASHEET

Datasheet creation date: 2025/05/28 10:47 (UTC)



## 23222CKE4

### Spherical Roller Bearings

#### Boundary Dimensions

d	110	mm	Bore diameter
D	200	mm	Outside diameter
B	69.8	mm	Width
r (min.)	2.1	mm	Chamfer dimension

#### Basic Load Ratings

Cr	645000	N	Basic dynamic load rating
C0r	760000	N	Basic static load rating

#### Speeds

Thermal Speed Rating (Oil-bath)	2600	min-1	Oil-bath lubrication subject to conditions outlined in ISO 15312
Mechanical (forced-circulation oil)	3400	min-1	Properly designed and controlled forced-circulation oil lubrication
Grease	1500	min-1	Grease lubrication
Oil (Oil-bath)	1900	min-1	Oil-bath lubrication

#### Abutment and Fillet Dimensions

da (min.)	122	mm	Diameter of shaft abutment
da (max.)	130	mm	Diameter of shaft abutment
Da (min.)	170	mm	Diameter of housing abutment
Da (max.)	188	mm	Diameter of housing abutment
ra (max.)	2	mm	Radius of shaft or housing fillet

#### Calculation factors

e	0.34	Constant
Y2	3	Axial load Factors
Y3	2	Axial load Factors
Y0	1.9	Axial load Factors

#### Mass

Mass approx.	9.54	kg	Mass approx.
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#### Associated products

Adapter	H2322X	Adapter
Withdrawal sleeve	AHX3222	Withdrawal sleeve

