



# PRODUCT DATASHEET

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## 23130CE4

### Spherical Roller Bearings

#### Boundary Dimensions

d	150	mm	Bore diameter
D	250	mm	Outside diameter
B	80	mm	Width
r (min.)	2.1	mm	Chamfer dimension

#### Basic Load Ratings

Cr	905000	N	Basic dynamic load rating
C0r	1180000	N	Basic static load rating

#### Speeds

Thermal Speed Rating (Oil-bath)	2200	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.)	162	mm	Diameter of shaft abutment
da (max.)	174	mm	Diameter of shaft abutment
Da (min.)	218	mm	Diameter of housing abutment
Da (max.)	238	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.	15.8	kg	Mass approx.
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