



# PRODUCT DATASHEET

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## 23134CKE4

### Spherical Roller Bearings

#### Boundary Dimensions

d	170	mm	Bore diameter
D	280	mm	Outside diameter
B	88	mm	Width
r (min.)	2.1	mm	Chamfer dimension

#### Basic Load Ratings

Cr	1180000	N	Basic dynamic load rating
C0r	1570000	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)	2600	min-1	Properly designed and controlled forced-circulation oil lubrication
Grease	1000	min-1	Grease lubrication
Oil (Oil-bath)	1300	min-1	Oil-bath lubrication

#### Abutment and Fillet Dimensions

da (min.)	182	mm	Diameter of shaft abutment
da (max.)	194	mm	Diameter of shaft abutment
Da (min.)	245	mm	Diameter of housing abutment
Da (max.)	268	mm	Diameter of housing abutment
ra (max.)	2	mm	Radius of shaft or housing fillet

#### Calculation factors

e	0.29	Constant
Y2	3.5	Axial load Factors
Y3	2.3	Axial load Factors
Y0	2.3	Axial load Factors

#### Mass

Mass approx.	21.8	kg	Mass approx.
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#### Associated products

Adapter	H3134	Adapter
Withdrawal sleeve	AH3134	Withdrawal sleeve

