



# PRODUCT DATASHEET

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MOTION & CONTROL  
**NSK**



## 23056CAME4

### Spherical Roller Bearings

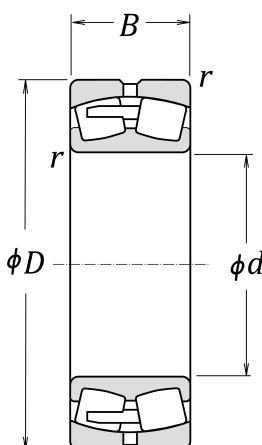
#### Boundary Dimensions

d	280	mm	Bore diameter
D	420	mm	Outside diameter
B	106	mm	Width
r (min.)	4	mm	Chamfer dimension

#### Basic Load Ratings

Cr	1930000	N	Basic dynamic load rating
C0r	2950000	N	Basic static load rating

#### Speeds



Thermal Speed Rating (Oil-bath)	1200	min-1	Oil-bath lubrication subject to conditions outlined in ISO 15312
Mechanical (forced-circulation oil)	1800	min-1	Properly designed and controlled forced-circulation oil lubrication

#### Grease

Grease	710	min-1	Grease lubrication
Oil (Oil-bath)	900	min-1	Oil-bath lubrication

#### Oil (Oil-bath)

#### Abutment and Fillet Dimensions

da (min.)	298	mm	Diameter of shaft abutment
Da (min.)	377	mm	Diameter of housing abutment
Da (max.)	402	mm	Diameter of housing abutment
ra (max.)	3	mm	Radius of shaft or housing fillet

#### Calculation factors

e	0.24	Constant
Y2	4.2	Axial load Factors
Y3	2.8	Axial load Factors
Y0	2.7	Axial load Factors

#### Mass

Mass approx.	50.5	kg	Mass approx.
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