



PRODUCT DATASHEET

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

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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