



PRODUCT DATASHEET

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23034CDE4

Spherical Roller Bearings

Boundary Dimensions

d	170	mm	Bore diameter
D	260	mm	Outside diameter
B	67	mm	Width
r (min.)	2.1	mm	Chamfer dimension

Basic Load Ratings

Cr	795000	N	Basic dynamic load rating
C0r	1090000	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)	3000	min-1	Properly designed and controlled forced-circulation oil lubrication
Grease	1200	min-1	Grease lubrication
Oil (Oil-bath)	1600	min-1	Oil-bath lubrication

Abutment and Fillet Dimensions

da (min.)	182	mm	Diameter of shaft abutment
da (max.)	191	mm	Diameter of shaft abutment
Da (min.)	233	mm	Diameter of housing abutment
Da (max.)	248	mm	Diameter of housing abutment
ra (max.)	2	mm	Radius of shaft or housing fillet

Calculation factors

e	0.23	Constant
Y2	4.3	Axial load Factors
Y3	2.9	Axial load Factors
Y0	2.8	Axial load Factors

Mass

Mass approx.	13	kg	Mass approx.
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