



PRODUCT DATASHEET

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22240CAME4

Spherical Roller Bearings

Boundary Dimensions

d	200	mm	Bore diameter
D	360	mm	Outside diameter
B	98	mm	Width
r (min.)	4	mm	Chamfer dimension

Basic Load Ratings

Cr	1620000	N	Basic dynamic load rating
C0r	2010000	N	Basic static load rating

Speeds

Thermal Speed Rating (Oil-bath)	1700	min-1	Oil-bath lubrication subject to conditions outlined in ISO 15312
Mechanical (forced-circulation oil)	2200	min-1	Properly designed and controlled forced-circulation oil lubrication
Grease	950	min-1	Grease lubrication
Oil (Oil-bath)	1200	min-1	Oil-bath lubrication

Abutment and Fillet Dimensions

da (min.)	218	mm	Diameter of shaft abutment
Da (min.)	315	mm	Diameter of housing abutment
Da (max.)	342	mm	Diameter of housing abutment
ra (max.)	3	mm	Radius of shaft or housing fillet

Calculation factors

e	0.26	Constant
Y2	3.8	Axial load Factors
Y3	2.6	Axial load Factors
Y0	2.5	Axial load Factors

Mass

Mass approx.	42.7	kg	Mass approx.
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