



PRODUCT DATASHEET

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MOTION & CONTROL
NSK



22330CAME4

Spherical Roller Bearings

Boundary Dimensions

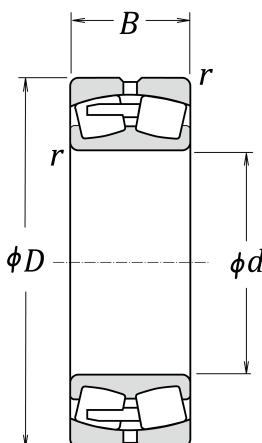
d	150	mm	Bore diameter
D	320	mm	Outside diameter
B	108	mm	Width
r (min.)	4	mm	Chamfer dimension

Basic Load Ratings

Cr	1530000	N	Basic dynamic load rating
C0r	1690000	N	Basic static load rating

Speeds

Thermal Speed Rating (Oil-bath)	1600	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	1100	min-1	Grease lubrication
Oil (Oil-bath)	1400	min-1	Oil-bath lubrication



Abutment and Fillet Dimensions

da (min.)	168	mm	Diameter of shaft abutment
Da (min.)	270	mm	Diameter of housing abutment
Da (max.)	302	mm	Diameter of housing abutment
ra (max.)	3	mm	Radius of shaft or housing fillet

Calculation factors

e	0.35	Constant
Y2	2.9	Axial load Factors
Y3	1.9	Axial load Factors
Y0	1.9	Axial load Factors

Mass

Mass approx.	41.6	kg	Mass approx.
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