



PRODUCT DATASHEET

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MOTION & CONTROL
NSK



23048CAME4

Spherical Roller Bearings

Boundary Dimensions

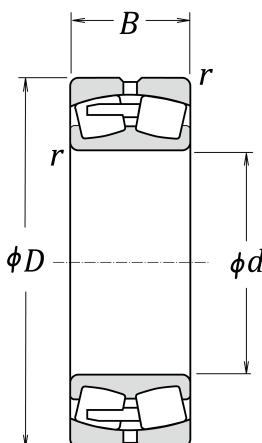
d	240	mm	Bore diameter
D	360	mm	Outside diameter
B	92	mm	Width
r (min.)	3	mm	Chamfer dimension

Basic Load Ratings

Cr	1450000	N	Basic dynamic load rating
C0r	2140000	N	Basic static load rating

Speeds

Thermal Speed Rating (Oil-bath)	1500	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	850	min-1	Grease lubrication
Oil (Oil-bath)	1100	min-1	Oil-bath lubrication



Abutment and Fillet Dimensions

da (min.)	254	mm	Diameter of shaft abutment
Da (min.)	324	mm	Diameter of housing abutment
Da (max.)	346	mm	Diameter of housing abutment
ra (max.)	2.5	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.	32.6	kg	Mass approx.
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