



PRODUCT DATASHEET

Datasheet creation date: 2025/05/28 10:49 (UTC)

MOTION & CONTROL
NSK



23244CAME4

Spherical Roller Bearings

Boundary Dimensions

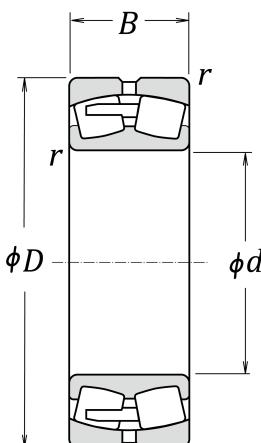
d	220	mm	Bore diameter
D	400	mm	Outside diameter
B	144	mm	Width
r (min.)	4	mm	Chamfer dimension

Basic Load Ratings

Cr	2520000	N	Basic dynamic load rating
C0r	3400000	N	Basic static load rating

Speeds

Thermal Speed Rating (Oil-bath)	1000	min-1	Oil-bath lubrication subject to conditions outlined in ISO 15312
Mechanical (forced-circulation oil)	1600	min-1	Properly designed and controlled forced-circulation oil lubrication
Oil (Oil-bath)	900	min-1	Oil-bath lubrication



Abutment and Fillet Dimensions

da (min.)	238	mm	Diameter of shaft abutment
Da (min.)	337	mm	Diameter of housing abutment
Da (max.)	382	mm	Diameter of housing abutment
ra (max.)	3	mm	Radius of shaft or housing fillet

Calculation factors

e	0.36	Constant
Y2	2.8	Axial load Factors
Y3	1.9	Axial load Factors
Y0	1.8	Axial load Factors

Mass

Mass approx.	80.4	kg	Mass approx.
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