



PRODUCT DATASHEET

Datasheet creation date: 2025/05/28 10:34 (UTC)

MOTION & CONTROL
NSK



22328CAME4

Spherical Roller Bearings

Boundary Dimensions

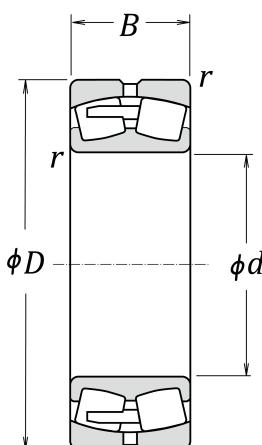
d	140	mm	Bore diameter
D	300	mm	Outside diameter
B	102	mm	Width
r (min.)	4	mm	Chamfer dimension

Basic Load Ratings

Cr	1450000	N	Basic dynamic load rating
C0r	1590000	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)	2400	min-1	Properly designed and controlled forced-circulation oil lubrication
Grease	1200	min-1	Grease lubrication
Oil (Oil-bath)	1500	min-1	Oil-bath lubrication



Abutment and Fillet Dimensions

da (min.)	158	mm	Diameter of shaft abutment
Da (min.)	253	mm	Diameter of housing abutment
Da (max.)	282	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.	35.4	kg	Mass approx.
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