



PRODUCT DATASHEET

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MOTION & CONTROL
NSK



23228CKE4

Spherical Roller Bearings

Parts Number

23228CKE4C3

Boundary Dimensions

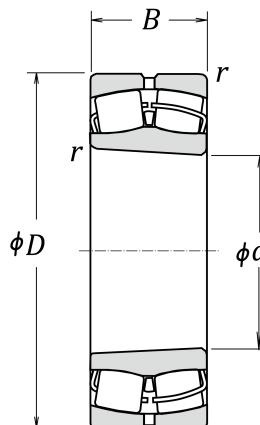
d	140	mm	Bore diameter
D	250	mm	Outside diameter
B	88	mm	Width
r (min.)	3	mm	Chamfer dimension

Basic Load Ratings

Cr	1040000	N	Basic dynamic load rating
C0r	1300000	N	Basic static load rating

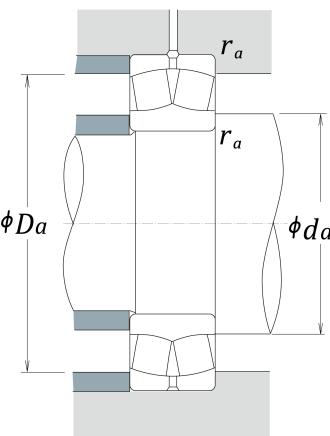
Speeds

Thermal Speed Rating (Oil-bath)	1800	min-1	Oil-bath lubrication subject to conditions outlined in ISO 15312
Mechanical (forced-circulation oil)	2600	min-1	Properly designed and controlled forced-circulation oil lubrication
Grease	1100	min-1	Grease lubrication
Oil (Oil-bath)	1500	min-1	Oil-bath lubrication



Abutment and Fillet Dimensions

da (min.)	154	mm	Diameter of shaft abutment
da (max.)	163	mm	Diameter of shaft abutment
Da (min.)	213	mm	Diameter of housing abutment
Da (max.)	236	mm	Diameter of housing abutment
ra (max.)	2.5	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.	18.8	kg	Mass approx.
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Associated products

Adapter	H2328	Adapter
Withdrawal sleeve	AHX3228	Withdrawal sleeve