



PRODUCT DATASHEET

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MOTION & CONTROL
NSK



22322EAE4

Spherical Roller Bearings

Parts Number

22322EAE4C3

Boundary Dimensions

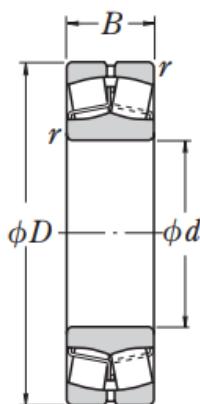
d	110	mm	Bore diameter
D	240	mm	Outside diameter
B	80	mm	Width
r (min.)	3	mm	Chamfer dimension

Basic Load Ratings

Cr	1030000	N	Basic dynamic load rating
C0r	1120000	N	Basic static load rating

Speeds

Mechanical (forced-circulation oil)	1900	min-1	Properly designed and controlled forced-circulation oil lubrication
Grease	1400	min-1	Grease lubrication
Oil (Oil-bath)	1900	min-1	Oil-bath lubrication



Abutment and Fillet Dimensions

da (min.)	124	mm	Diameter of shaft abutment
da (max.)	145	mm	Diameter of shaft abutment
Da (min.)	206	mm	Diameter of housing abutment
Da (max.)	226	mm	Diameter of housing abutment
ra (max.)	2.5	mm	Radius of shaft or housing fillet

Calculation factors

e	0.33	Constant
Y2	3.1	Axial load Factors
Y3	2.1	Axial load Factors
Y0	2	Axial load Factors

Mass

Mass approx.	17.6	kg	Mass approx.
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