



PRODUCT DATASHEET

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MOTION & CONTROL
NSK



6322

Single-Row Deep Groove Ball Bearings

Parts Number

6322C3

Boundary Dimensions

d	110	mm	Bore diameter
D	240	mm	Outside diameter
B	50	mm	Width
r (min.)	3	mm	Chamfer dimension

Basic Load Ratings

Cr	226000	N	Basic dynamic load rating
C0r	179000	N	Basic static load rating

Speeds

Grease	2400	min-1	Grease lubrication
Oil (Oil-bath)	3000	min-1	Oil-bath lubrication

Abutment and Fillet Dimensions

da (min.)	123	mm	Diameter of shaft abutment
da (max.)	147	mm	Diameter of shaft abutment
Da (max.)	227	mm	Diameter of housing abutment
ra (max.)	2.5	mm	Radius of shaft or housing fillet
Dx (min.)	0	mm	Diameter of snap ring recess in the housing
Cy (max.)	0	mm	Distance from outer ring side face to snap ring back face

Calculation factors

fo	13.2	Factor
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Additional information

z	8	Number of Balls
Dw	41.275	mm Ball Diameter

Mass

Mass approx.	9.51	kg	Mass approx.
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