



6011ZZ

Single-Row Deep Groove Ball Bearings

Parts Number

6011ZZC3

Boundary Dimensions

d	55	mm	Bore diameter
D	90	mm	Outside diameter
B	18	mm	Width
r (min.)	1.1	mm	Chamfer dimension

Basic Load Ratings

C_r	31000	N	Basic dynamic load rating
C_{0r}	21200	N	Basic static load rating

Speeds

Grease	8500	min ⁻¹	Grease lubrication
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Abutment and Fillet Dimensions

da (min.)	61.5	mm	Diameter of shaft abutment
da (max.)	64	mm	Diameter of shaft abutment
Da (max.)	83.5	mm	Diameter of housing abutment
ra (max.)	1	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	15.3		Factor
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Additional information

z	13		Number of Balls
Dw	10.319	mm	Ball Diameter

Mass

(approx.)	0.381	kg	
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