



6211DDU

Single-Row Deep Groove Ball Bearings

Parts Number

6211DDUC3

Boundary Dimensions

d	55	mm	Bore diameter
D	100	mm	Outside diameter
B	21	mm	Width
r (min.)	1.5	mm	Chamfer dimension

Basic Load Ratings

Cr	47500	N	Basic dynamic load rating
C0r	29300	N	Basic static load rating

Speeds

Grease	4300	min-1	Grease lubrication
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Abutment and Fillet Dimensions

da (min.)	63	mm	Diameter of shaft abutment
da (max.)	66.5	mm	Diameter of shaft abutment
Da (max.)	92	mm	Diameter of housing abutment
ra (max.)	1.5	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	14.3	Factor
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Additional information

z	10	Number of Balls	
Dw	14.288	mm	Ball Diameter

Mass

Mass approx.	0.619	kg	Mass approx.
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