



## 6316DDU

### Single-Row Deep Groove Ball Bearings

#### Parts Number

6316DDUC3

#### Boundary Dimensions

d	80	mm	Bore diameter
D	170	mm	Outside diameter
B	39	mm	Width
r (min.)	2.1	mm	Chamfer dimension

#### Basic Load Ratings

Cr	135000	N	Basic dynamic load rating
C0r	86500	N	Basic static load rating

#### Speeds

Grease	2800	min-1	Grease lubrication
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#### Abutment and Fillet Dimensions

da (min.)	91	mm	Diameter of shaft abutment
da (max.)	104.5	mm	Diameter of shaft abutment
Da (max.)	159	mm	Diameter of housing abutment
ra (max.)	2	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	13.3		Factor
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#### Additional information

z	8		Number of Balls
Dw	28.575	mm	Ball Diameter

#### Mass

Mass approx.	3.67	kg	Mass approx.
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