



## 6010ZZ

### Single-Row Deep Groove Ball Bearings

#### Parts Number

6010ZZC3

#### Boundary Dimensions

d	50	mm	Bore diameter
D	80	mm	Outside diameter
B	16	mm	Width
r (min.)	1	mm	Chamfer dimension

#### Basic Load Ratings

$C_r$	24000	N	Basic dynamic load rating
$C_{0r}$	16600	N	Basic static load rating

#### Speeds

Grease	9500	min <sup>-1</sup>	Grease lubrication
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#### Abutment and Fillet Dimensions

da (min.)	55	mm	Diameter of shaft abutment
da (max.)	58.5	mm	Diameter of shaft abutment
Da (max.)	75	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	15.6		Factor
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#### Additional information

z	14		Number of Balls
Dw	8.731	mm	Ball Diameter

#### Mass

(approx.)	0.261	kg	
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