



## 6016ZZ

### Single-Row Deep Groove Ball Bearings

#### Parts Number

6016ZZC3

#### Boundary Dimensions

d	80	mm	Bore diameter
D	125	mm	Outside diameter
B	22	mm	Width
r (min.)	1.1	mm	Chamfer dimension

#### Basic Load Ratings

$C_r$	52500	N	Basic dynamic load rating
$C_{0r}$	40000	N	Basic static load rating

#### Speeds

Grease	6300	min <sup>-1</sup>	Grease lubrication
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#### Abutment and Fillet Dimensions

da (min.)	86.5	mm	Diameter of shaft abutment
da (max.)	91	mm	Diameter of shaft abutment
Da (max.)	118.5	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	15.6	Factor
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#### Additional information

z	14	Number of Balls
Dw	13.494	mm
		Ball Diameter

#### Mass

(approx.)	0.872	kg
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