



## 6013

### Single-Row Deep Groove Ball Bearings

#### Parts Number

6013C3

#### Boundary Dimensions

d	65	mm	Bore diameter
D	100	mm	Outside diameter
B	18	mm	Width
r (min.)	1.1	mm	Chamfer dimension

#### Basic Load Ratings

$C_r$	33500	N	Basic dynamic load rating
$C_{0r}$	25200	N	Basic static load rating

#### Speeds

Grease	7500	min <sup>-1</sup>	Grease lubrication
Oil (Oil-bath)	9000	min <sup>-1</sup>	Oil-bath lubrication

#### Abutment and Fillet Dimensions

da (min.)	71.5	mm	Diameter of shaft abutment
da (max.)	73	mm	Diameter of shaft abutment
Da (max.)	93.5	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	15.8	Factor
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#### Additional information

z	15	Number of Balls
Dw	10.319	mm Ball Diameter

#### Mass

(approx.)	0.439	kg
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