



## 6003ZZ

### Single-Row Deep Groove Ball Bearings

#### Parts Number

6003ZZCM

#### Boundary Dimensions

d	17	mm	Bore diameter
D	35	mm	Outside diameter
B	10	mm	Width
r (min.)	0.3	mm	Chamfer dimension

#### Basic Load Ratings

$C_r$	6600	N	Basic dynamic load rating
$C_{0r}$	3250	N	Basic static load rating

#### Speeds

Grease	24000	min <sup>-1</sup>	Grease lubrication
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#### Abutment and Fillet Dimensions

da (min.)	19	mm	Diameter of shaft abutment
da (max.)	21.5	mm	Diameter of shaft abutment
Da (max.)	33	mm	Diameter of housing abutment
ra (max.)	0.3	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	14.4		Factor
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#### Additional information

z	10		Number of Balls
Dw	4.762	mm	Ball Diameter

#### Mass

(approx.)	0.041	kg	
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