



## 6313

### Single-Row Deep Groove Ball Bearings

#### Parts Number

6313C3

#### Boundary Dimensions

d	65	mm	Bore diameter
D	140	mm	Outside diameter
B	33	mm	Width
r (min.)	2.1	mm	Chamfer dimension

#### Basic Load Ratings

Cr	102000	N	Basic dynamic load rating
C0r	60000	N	Basic static load rating

#### Speeds

Grease	5600	min-1	Grease lubrication
Oil (Oil-bath)	6700	min-1	Oil-bath lubrication

#### Abutment and Fillet Dimensions

da (min.)	76	mm	Diameter of shaft abutment
da (max.)	85.5	mm	Diameter of shaft abutment
Da (max.)	129	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	13.2	Factor
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#### Additional information

z	8	Number of Balls	
Dw	23.812	mm	Ball Diameter

#### Mass

Mass approx.	2.11	kg	Mass approx.
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