



# PRODUCT DATASHEET

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## 6007DDU

### Single-Row Deep Groove Ball Bearings

#### Boundary Dimensions

d	35	mm	Bore diameter
D	62	mm	Outside diameter
B	14	mm	Width
r (min.)	1	mm	Chamfer dimension

#### Basic Load Ratings

Cr	17600	N	Basic dynamic load rating
C0r	10300	N	Basic static load rating

#### Speeds

Grease	6700	min-1	Grease lubrication
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#### Abutment and Fillet Dimensions

da (min.)	40	mm	Diameter of shaft abutment
da (max.)	41.5	mm	Diameter of shaft abutment
Da (max.)	57	mm	Diameter of housing abutment
ra (max.)	1	mm	Radius of shaft or housing fillet

#### Calculation factors

fo	14.8		Factor
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#### Additional information

z	11		Number of Balls
Dw	7.938	mm	Ball Diameter

#### Mass

Mass approx.	0.151	kg	Mass approx.
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