



# PRODUCT DATASHEET

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## 6008

### Single-Row Deep Groove Ball Bearings

#### Boundary Dimensions

d	40	mm	Bore diameter
D	68	mm	Outside diameter
B	15	mm	Width
r (min.)	1	mm	Chamfer dimension

#### Basic Load Ratings

Cr	18400	N	Basic dynamic load rating
C0r	11500	N	Basic static load rating

#### Speeds

Grease	12000	min-1	Grease lubrication
Oil (Oil-bath)	14000	min-1	Oil-bath lubrication

#### Abutment and Fillet Dimensions

da (min.)	45	mm	Diameter of shaft abutment
da (max.)	47.5	mm	Diameter of shaft abutment
Da (max.)	63	mm	Diameter of housing abutment
ra (max.)	1	mm	Radius of shaft or housing fillet

#### Calculation factors

fo	15.3		Factor
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#### Additional information

z	12		Number of Balls
Dw	7.938	mm	Ball Diameter

#### Mass

Mass approx.	0.19	kg	Mass approx.
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