



# PRODUCT DATASHEET

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## 6808ZZ

### Single-Row Deep Groove Ball Bearings

#### Boundary Dimensions

d	40	mm	Bore diameter
D	52	mm	Outside diameter
B	7	mm	Width
r (min.)	0.3	mm	Chamfer dimension

#### Basic Load Ratings

Cr	7000	N	Basic dynamic load rating
C0r	5550	N	Basic static load rating

#### Speeds

Grease	12000	min-1	Grease lubrication
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#### Abutment and Fillet Dimensions

da (min.)	42	mm	Diameter of shaft abutment
da (max.)	42	mm	Diameter of shaft abutment
Da (max.)	50	mm	Diameter of housing abutment
ra (max.)	0.3	mm	Radius of shaft or housing fillet

#### Calculation factors

fo	17		Factor
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#### Additional information

z	21		Number of Balls
Dw	3.969	mm	Ball Diameter

#### Mass

Mass approx.	0.031	kg	Mass approx.
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