



# PRODUCT DATASHEET

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## 6820DD

### Single-Row Deep Groove Ball Bearings

#### Boundary Dimensions

d	100	mm	Bore diameter
D	125	mm	Outside diameter
B	13	mm	Width
r (min.)	1	mm	Chamfer dimension

#### Basic Load Ratings

Cr	21500	N	Basic dynamic load rating
C0r	23000	N	Basic static load rating

#### Speeds

Grease	2800	min-1	Grease lubrication
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#### Abutment and Fillet Dimensions

da (min.)	105	mm	Diameter of shaft abutment
da (max.)	105.5	mm	Diameter of shaft abutment
Da (max.)	120	mm	Diameter of housing abutment
ra (max.)	1	mm	Radius of shaft or housing fillet

#### Calculation factors

fo	17.3		Factor
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#### Additional information

z	26		Number of Balls
Dw	7.144	mm	Ball Diameter

#### Mass

Mass approx.	0.31	kg	Mass approx.
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