



## 6818DDU

### Single-Row Deep Groove Ball Bearings

#### Boundary Dimensions

d	90	mm	Bore diameter
D	115	mm	Outside diameter
B	13	mm	Width
r (min.)	1	mm	Chamfer dimension

#### Basic Load Ratings

Cr	20900	N	Basic dynamic load rating
C0r	21000	N	Basic static load rating

#### Speeds

Grease	3000	min-1	Grease lubrication
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#### Abutment and Fillet Dimensions

da (min.)	95	mm	Diameter of shaft abutment
da (max.)	95.5	mm	Diameter of shaft abutment
Da (max.)	110	mm	Diameter of housing abutment
ra (max.)	1	mm	Radius of shaft or housing fillet

#### Calculation factors

fo	17.2		Factor
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#### Additional information

z	24		Number of Balls
Dw	7.144	mm	Ball Diameter

#### Mass

Mass approx.	0.276	kg	Mass approx.
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