



6811DDU

Single-Row Deep Groove Ball Bearings

Boundary Dimensions

d	55	mm	Bore diameter
D	72	mm	Outside diameter
B	9	mm	Width
r (min.)	0.3	mm	Chamfer dimension

Basic Load Ratings

Cr	9700	N	Basic dynamic load rating
C0r	8500	N	Basic static load rating

Speeds

Grease	4800	min-1	Grease lubrication
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Abutment and Fillet Dimensions

da (min.)	57	mm	Diameter of shaft abutment
da (max.)	59	mm	Diameter of shaft abutment
Da (max.)	70	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	22		Number of Balls
Dw	4.762	mm	Ball Diameter

Mass

Mass approx.	0.081	kg	Mass approx.
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