



6916DDU

Single-Row Deep Groove Ball Bearings

Boundary Dimensions

d	80	mm	Bore diameter
D	110	mm	Outside diameter
B	16	mm	Width
r (min.)	1	mm	Chamfer dimension

Basic Load Ratings

Cr	27400	N	Basic dynamic load rating
C0r	24000	N	Basic static load rating

Speeds

Grease	3200	min-1	Grease lubrication
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Abutment and Fillet Dimensions

da (min.)	85	mm	Diameter of shaft abutment
da (max.)	87.5	mm	Diameter of shaft abutment
Da (max.)	105	mm	Diameter of housing abutment
ra (max.)	1	mm	Radius of shaft or housing fillet

Calculation factors

fo	16.6		Factor
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Additional information

z	19		Number of Balls
Dw	8.731	mm	Ball Diameter

Mass

Mass approx.	0.391	kg	Mass approx.
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