



PRODUCT DATASHEET

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6003DDU

Single-Row Deep Groove Ball Bearings

Boundary Dimensions

d	17	mm	Bore diameter
D	35	mm	Outside diameter
B	10	mm	Width
r (min.)	0.3	mm	Chamfer dimension

Basic Load Ratings

Cr	6600	N	Basic dynamic load rating
C0r	3250	N	Basic static load rating

Speeds

Grease	13000	min-1	Grease lubrication
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Abutment and Fillet Dimensions

da (min.)	19	mm	Diameter of shaft abutment
da (max.)	21.5	mm	Diameter of shaft abutment
Da (max.)	33	mm	Diameter of housing abutment
ra (max.)	0.3	mm	Radius of shaft or housing fillet

Calculation factors

fo	14.4		Factor
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Additional information

z	10		Number of Balls
Dw	4.762	mm	Ball Diameter

Mass

Mass approx.	0.041	kg	Mass approx.
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