



PRODUCT DATASHEET

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6007

Single-Row Deep Groove Ball Bearings



Boundary Dimensions

d	35	mm	Bore diameter
D	62	mm	Outside diameter
B	14	mm	Width
r (min.)	1	mm	Chamfer dimension

Basic Load Ratings

Cr	17600	N	Basic dynamic load rating
C0r	10300	N	Basic static load rating

Speeds

Grease	13000	min-1	Grease lubrication
Oil (Oil-bath)	15000	min-1	Oil-bath lubrication

Abutment and Fillet Dimensions

da (min.)	40	mm	Diameter of shaft abutment
da (max.)	41.5	mm	Diameter of shaft abutment
Da (max.)	57	mm	Diameter of housing abutment
ra (max.)	1	mm	Radius of shaft or housing fillet

Calculation factors

fo	14.8		Factor
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Additional information

z	11		Number of Balls
Dw	7.938	mm	Ball Diameter

Mass

Mass approx.	0.151	kg	Mass approx.
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