



PRODUCT DATASHEET

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6205

Single-Row Deep Groove Ball Bearings

Boundary Dimensions

d	25	mm	Bore diameter
D	52	mm	Outside diameter
B	15	mm	Width
r (min.)	1	mm	Chamfer dimension

Basic Load Ratings

Cr	15400	N	Basic dynamic load rating
C0r	7850	N	Basic static load rating

Speeds

Grease	15000	min-1	Grease lubrication
Oil (Oil-bath)	18000	min-1	Oil-bath lubrication

Abutment and Fillet Dimensions

da (min.)	30	mm	Diameter of shaft abutment
da (max.)	32	mm	Diameter of shaft abutment
Da (max.)	47	mm	Diameter of housing abutment
ra (max.)	1	mm	Radius of shaft or housing fillet

Calculation factors

fo	13.9		Factor
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Additional information

z	9		Number of Balls
Dw	7.938	mm	Ball Diameter

Mass

Mass approx.	0.129	kg	Mass approx.
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