



PRODUCT DATASHEET

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6304

Single-Row Deep Groove Ball Bearings



Boundary Dimensions

d	20	mm	Bore diameter
D	52	mm	Outside diameter
B	15	mm	Width
r (min.)	1.1	mm	Chamfer dimension

Basic Load Ratings

Cr	17500	N	Basic dynamic load rating
C0r	7900	N	Basic static load rating

Speeds

Grease	16000	min-1	Grease lubrication
Oil (Oil-bath)	19000	min-1	Oil-bath lubrication

Abutment and Fillet Dimensions

da (min.)	26.5	mm	Diameter of shaft abutment
da (max.)	28	mm	Diameter of shaft abutment
Da (max.)	45.5	mm	Diameter of housing abutment
ra (max.)	1	mm	Radius of shaft or housing fillet

Calculation factors

fo	12.4		Factor
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Additional information

z	7		Number of Balls
Dw	9.525	mm	Ball Diameter

Mass

Mass approx.	0.145	kg	Mass approx.
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