



PRODUCT DATASHEET

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625

Extra Small Ball Bearings and Miniature Ball Bearings Metric Series



Boundary Dimensions

d	5	mm	Bore diameter
D	16	mm	Outside diameter
B	5	mm	Width
r (min.)	0.3	mm	Chamfer dimension

Basic Load Ratings

Cr	1910	N	Basic dynamic load rating
C0r	670	N	Basic static load rating

Speeds

Grease	36000	min-1	Grease lubrication
Oil (Oil-bath)	43000	min-1	Oil-bath lubrication

Abutment and Fillet Dimensions

da (min.)	7	mm	Diameter of shaft abutment
Da (max.)	14	mm	Diameter of housing abutment
ra (max.)	0.3	mm	Radius of shaft or housing fillet

Additional information

z	7		Number of Balls
Dw	2.778	mm	Ball Diameter

Mass

Mass approx.	0.00495	kg	Mass approx.
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