



PRODUCT DATASHEET

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624

Extra Small Ball Bearings and Miniature Ball Bearings Metric Series



Boundary Dimensions

d	4	mm	Bore diameter
D	13	mm	Outside diameter
B	5	mm	Width
r (min.)	0.2	mm	Chamfer dimension

Basic Load Ratings

Cr	1430	N	Basic dynamic load rating
C0r	485	N	Basic static load rating

Speeds

Grease	40000	min-1	Grease lubrication
Oil (Oil-bath)	48000	min-1	Oil-bath lubrication

Abutment and Fillet Dimensions

da (min.)	5.6	mm	Diameter of shaft abutment
Da (max.)	11.4	mm	Diameter of housing abutment
ra (max.)	0.2	mm	Radius of shaft or housing fillet

Additional information

z	7		Number of Balls
Dw	2.381	mm	Ball Diameter

Mass

Mass approx.	0.00303	kg	Mass approx.
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