



PRODUCT DATASHEET

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623ZZ

Extra Small Ball Bearings and Miniature Ball Bearings Metric Series



Parts Number

623ZZMC3

Boundary Dimensions

d	3	mm	Bore diameter
D	10	mm	Outside diameter
B	4	mm	Width
r1 (min.)	0.15	mm	Chamfer dimension

Basic Load Ratings

C_r	695	N	Basic dynamic load rating
C_{0r}	218	N	Basic static load rating

Speeds

Grease	50000	min^{-1}	Grease lubrication
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Abutment and Fillet Dimensions

db (max.)	4.3	mm	Diameter of shaft abutment
Db (max.)	8	mm	Diameter of housing abutment
rb (max.)	0.15	mm	Radius of shaft or housing fillet

Additional information

z	7		Number of Balls
Dw	1.588	mm	Ball Diameter

Mass

(approx.)	0.00166	kg	
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