



# PRODUCT DATASHEET

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## 609

### Extra Small Ball Bearings and Miniature Ball Bearings Metric Series



#### Boundary Dimensions

d	9	mm	Bore diameter
D	24	mm	Outside diameter
B	7	mm	Width
r (min.)	0.3	mm	Chamfer dimension

#### Basic Load Ratings

Cr	3700	N	Basic dynamic load rating
C0r	1430	N	Basic static load rating

#### Speeds

Grease	32000	min-1	Grease lubrication
Oil (Oil-bath)	38000	min-1	Oil-bath lubrication

#### Abutment and Fillet Dimensions

da (min.)	11	mm	Diameter of shaft abutment
Da (max.)	22	mm	Diameter of housing abutment
ra (max.)	0.3	mm	Radius of shaft or housing fillet

#### Additional information

z	7		Number of Balls
Dw	3.969	mm	Ball Diameter

#### Mass

Mass approx.	0.0145	kg	Mass approx.
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