



6212

Single-Row Deep Groove Ball Bearings



Boundary Dimensions

d	60	mm	Bore diameter
D	110	mm	Outside diameter
B	22	mm	Width
r (min.)	1.5	mm	Chamfer dimension

Basic Load Ratings

Cr	57500	N	Basic dynamic load rating
C0r	36000	N	Basic static load rating

Speeds

Grease	6700	min-1	Grease lubrication
Oil (Oil-bath)	8000	min-1	Oil-bath lubrication

Abutment and Fillet Dimensions

da (min.)	68	mm	Diameter of shaft abutment
da (max.)	74.5	mm	Diameter of shaft abutment
Da (max.)	102	mm	Diameter of housing abutment
ra (max.)	1.5	mm	Radius of shaft or housing fillet

Calculation factors

fo	14.3		Factor
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Additional information

z	10		Number of Balls
Dw	15.875	mm	Ball Diameter

Mass

Mass approx.	0.783	kg	Mass approx.
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