



6312

Single-Row Deep Groove Ball Bearings



Boundary Dimensions

d	60	mm	Bore diameter
D	130	mm	Outside diameter
B	31	mm	Width
r (min.)	2.1	mm	Chamfer dimension

Basic Load Ratings

Cr	90000	N	Basic dynamic load rating
C0r	52000	N	Basic static load rating

Speeds

Grease	6000	min-1	Grease lubrication
Oil (Oil-bath)	7100	min-1	Oil-bath lubrication

Abutment and Fillet Dimensions

da (min.)	71	mm	Diameter of shaft abutment
da (max.)	79	mm	Diameter of shaft abutment
Da (max.)	119	mm	Diameter of housing abutment
ra (max.)	2	mm	Radius of shaft or housing fillet

Calculation factors

fo	13.1		Factor
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Additional information

z	8		Number of Balls
Dw	22.225	mm	Ball Diameter

Mass

Mass approx.	1.72	kg	Mass approx.
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