



6313

Single-Row Deep Groove Ball Bearings



Boundary Dimensions

d	65	mm	Bore diameter
D	140	mm	Outside diameter
B	33	mm	Width
r (min.)	2.1	mm	Chamfer dimension

Basic Load Ratings

Cr	102000	N	Basic dynamic load rating
C0r	60000	N	Basic static load rating

Speeds

Grease	5600	min-1	Grease lubrication
Oil (Oil-bath)	6700	min-1	Oil-bath lubrication

Abutment and Fillet Dimensions

da (min.)	76	mm	Diameter of shaft abutment
da (max.)	85.5	mm	Diameter of shaft abutment
Da (max.)	129	mm	Diameter of housing abutment
ra (max.)	2	mm	Radius of shaft or housing fillet

Calculation factors

fo	13.2		Factor
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Additional information

z	8		Number of Balls
Dw	23.812	mm	Ball Diameter

Mass

Mass approx.	2.11	kg	Mass approx.
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