



6002

Single-Row Deep Groove Ball Bearings

Parts Number

6002C3

Boundary Dimensions

d	15	mm	Bore diameter
D	32	mm	Outside diameter
B	9	mm	Width
r (min.)	0.3	mm	Chamfer dimension

Basic Load Ratings

C_r	6150	N	Basic dynamic load rating
C_{0r}	2840	N	Basic static load rating

Speeds

Grease	26000	min ⁻¹	Grease lubrication
Oil (Oil-bath)	32000	min ⁻¹	Oil-bath lubrication

Abutment and Fillet Dimensions

da (min.)	17	mm	Diameter of shaft abutment
da (max.)	19	mm	Diameter of shaft abutment
Da (max.)	30	mm	Diameter of housing abutment
ra (max.)	0.3	mm	Radius of shaft or housing fillet
Dx (min.)	0	mm	Diameter of snap ring recess in the housing
Cy (max.)	0	mm	Distance from outer ring side face to snap ring back face

Calculation factors

fo	13.9	Factor
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Additional information

z	9	Number of Balls
Dw	4.762	mm Ball Diameter

Mass

(approx.)	0.031	kg
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