



6308ZZ

Single-Row Deep Groove Ball Bearings

Parts Number

6308ZZC4

Boundary Dimensions

d	1.575	inch	Bore diameter
D	3.543	inch	Outside diameter
B	0.906	inch	Width
r (min.)	0.059	inch	Chamfer dimension

Basic Load Ratings

C_r	10116.405	lbf	Basic dynamic load rating
C_{0r}	5395.416	lbf	Basic static load rating

Speeds

Grease	9000	min ⁻¹	Grease lubrication
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Abutment and Fillet Dimensions

da (min.)	1.89	inch	Diameter of shaft abutment
da (max.)	2.087	inch	Diameter of shaft abutment
Da (max.)	3.228	inch	Diameter of housing abutment
ra (max.)	0.059	inch	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	13.2		Factor
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Additional information

z	8		Number of Balls
Dw	0.594	inch	Ball Diameter

Mass

(approx.)	1.402	lbs	
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