



6018ZZ

Single-Row Deep Groove Ball Bearings

Parts Number

6018ZZC3

Boundary Dimensions

d	90	mm	Bore diameter
D	140	mm	Outside diameter
B	24	mm	Width
r (min.)	1.5	mm	Chamfer dimension

Basic Load Ratings

C_r	64000	N	Basic dynamic load rating
C_{0r}	50000	N	Basic static load rating

Speeds

Grease	5600	min ⁻¹	Grease lubrication
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Abutment and Fillet Dimensions

da (min.)	98	mm	Diameter of shaft abutment
da (max.)	103	mm	Diameter of shaft abutment
Da (max.)	132	mm	Diameter of housing abutment
ra (max.)	1.5	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	15.6		Factor
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Additional information

z	14		Number of Balls
Dw	15.081	mm	Ball Diameter

Mass

(approx.)	1.19	kg	
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