



6018DDU

Single-Row Deep Groove Ball Bearings

Parts Number

6018DDUC3

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	2800	min ⁻¹	Grease lubrication
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Abutment and Fillet Dimensions

d_a (min.)	98	mm	Diameter of shaft abutment
d_a (max.)	103	mm	Diameter of shaft abutment
D_a (max.)	132	mm	Diameter of housing abutment
r_a (max.)	1.5	mm	Radius of shaft or housing fillet
D_x (min.)	0	mm	Diameter of snap ring recess in the housing
C_y (max.)	0	mm	Distance from outer ring side face to snap ring back face

Calculation factors

f_o	15.6		Factor
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Additional information

z	14		Number of Balls
D_w	15.081	mm	Ball Diameter

Mass

(approx.)	1.19	kg	
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