

PRODUCT DATASHEET

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6314DDU

Single-Row Deep Groove Ball Bearings

Boundary Dimensions

d	70	mm	Bore diameter		
D	150	mm	Outside diameter		
В	35	mm	Width		
r (min.)	2.1	mm	Chamfer dimension		
Basic Load Ratin	gs				
Cr	115000	N	Basic dynamic load rating		
C0r	68000	N	Basic static load rating		
Speeds					
Grease	3200	min-1	Grease lubrication		
Abutment and Fillet Dimensions					

da (min.)	81	mm	Diameter of shaft abutment	
da (max.)	92	mm	Diameter of shaft abutment	
Da (max.)	139	mm	Diameter of housing abutment	
ra (max.)	2	mm	Radius of shaft or housing fillet	

Calculation factors

fo	13.2	Factor

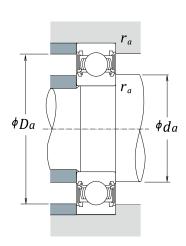
Additional information

Mass approx.

2.57

Mass				
Dw	25.4	mm	Ball Diameter	
Z	8		Number of Balls	

Mass approx.



φd

 ϕD