

PRODUCT DATASHEET

Datasheet creation date: 2025/07/09 7:50 (UTC)





6310DDU

Single-Row Deep Groove Ball Bearings

Boundary Dimensions

	d	50	mm	Bore diameter			
	D	110	mm	Outside diameter			
	В	27	mm	Width			
	r (min.)	2	mm	Chamfer dimension			
-	Basic Load Ratings						
	Cr	68000	N	Basic dynamic load rating			
	C0r	38500	N	Basic static load rating			
Speeds							
	Grease	4300	min-1	Grease lubrication			

Abutment and Fillet Dimensions

da (min.)	59	mm	Diameter of shaft abutment	
da (max.)	68	mm	Diameter of shaft abutment	
Da (max.)	101	mm	Diameter of housing abutment	
ra (max.)	2	mm	Radius of shaft or housing fillet	

Calculation factors

fo 13.2 Factor

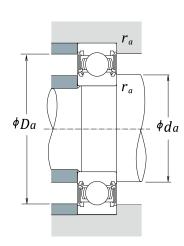
Additional information

Mass approx.

1.06

Z	8		Number of Balls		
Dw	19.05	mm	Ball Diameter		
Mass					

Mass approx.



φd

 ϕD