

PRODUCT DATASHEET

Datasheet creation date: 2025/05/28 8:23 (UTC)





6308DDU

Single-Row Deep Groove Ball Bearings

Boundary Dimensions

d	40	mm	Bore diameter	
D	90	mm	Outside diameter	
В	23	mm	Width	
r (min.)	1.5	mm	Chamfer dimension	
Basic Load Ratio	ngs			
Cr	45000	N	Basic dynamic load rating	
C0r	24000	N	Basic static load rating	
Speeds				
Grease	5300	min-1	Grease lubrication	

Abutment and Fillet Dimensions

da (min.)	48	mm	Diameter of shaft abutment	
da (max.)	53	mm	Diameter of shaft abutment	
Da (max.)	82	mm	Diameter of housing abutment	
ra (max.)	1.5	mm	Radius of shaft or housing fillet	

Calculation factors

fo	13.2	Factor	
10	13.2	racioi	

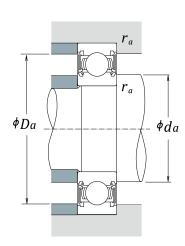
Additional information

Mass approx.

0.636

Z	8		Number of Balls
Dw	15.081	mm	Ball Diameter
Mass			

Mass approx.



φd

 ϕD