

PRODUCT DATASHEET

Datasheet creation date: 2025/07/09 8:01 (UTC)





Parts Number

6303ZZ



Single-Row Deep Groove Ball Bearings

Boundary Dimensions				
d	17	mm	Bore diameter	
D	47	mm	Outside diameter	
В	14	mm	Width	
r (min.)	1	mm	Chamfer dimension	

Basic Load Ratings

Cr	15000	N	Basic dynamic load rating	
C0r	6650	N	Basic static load rating	
Speeds				
Grease	17000	min-1	Grease lubrication	

Abutment and Fillet Dimensions

da (min.)	22	mm	Diameter of shaft abutment
da (max.)	25.5	mm	Diameter of shaft abutment
Da (max.)	42	mm	Diameter of housing abutment
ra (max.)	1	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

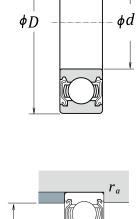
Mass approx.

0.113

fo	12.4		Factor		
Additional information					
z	7		Number of Balls		
Dw	8.731	mm	Ball Diameter		
Mass					

kg

Mass approx.



--B →

