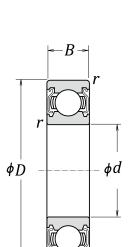


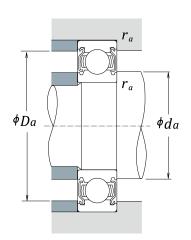
## **PRODUCT DATASHEET**

Datasheet creation date: 2025/10/22 1:16 (UTC)









## 6305ZZ

## Single-Row Deep Groove Ball Bearings

## **Parts Number**

Parts Number					
	6305ZZC4				
<b>Boundary Dimension</b>	S				
d	0.984	inch	Bore diameter		
D	2.441	inch	Outside diameter		
В	0.669	inch	Width		
r (min.)	0.043	inch	Chamfer dimension		
Basic Load Ratings					
C <sub>r</sub>	5080.683	lbf	Basic dynamic load rating		
C <sub>Or</sub>	2517.861	lbf	Basic static load rating		
Speeds					
Grease	13000	min <sup>-1</sup>	Grease lubrication		
Abutment and Fillet [	Dimensions	min <sup>-1</sup> Grease lubrication  inch Diameter of shaft abutment inch Diameter of shaft abutment			
da (min.)	1.24	inch	Diameter of shaft abutment		
da (max.)	1.417	inch	Diameter of shaft abutment		
Da (max.)	2.185	inch	Diameter of housing abutment		
ra (max.)	0.039	inch	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					
fo	13.2		Factor		
Additional information	on				
Z	8		Number of Balls		
Dw	0.406	inch	Ball Diameter		
Mass					
(approx.)	0.518	lbs			