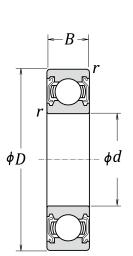


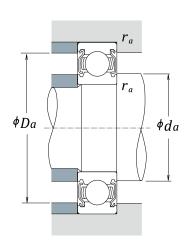
PRODUCT DATASHEET

Datasheet creation date: 2025/10/22 12:53 (UTC)









6306ZZ

Single-Row Deep Groove Ball Bearings

Parts Number

Parts Number			
	6306ZZC4		
Boundary Dimension	S		
d	1.181	inch	Bore diameter
D	2.835	inch	Outside diameter
В	0.748	inch	Width
r (min.)	0.043	inch	Chamfer dimension
Basic Load Ratings			
C _r	6586.904	lbf	Basic dynamic load rating
C _{0r}	3372.135	lbf	Basic static load rating
Speeds			
Grease	11000	min ⁻¹	Grease lubrication
Abutment and Fillet [Dimensions		
da (min.)	1.437	inch	Diameter of shaft abutment
da (max.)	1.673	inch	Diameter of shaft abutment
Da (max.)	2.579	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	13.3		Factor
Additional information	on		
Z	8		Number of Balls
Dw	0.469	inch	Ball Diameter
Mass			
(approx.)	0.761	lbs	