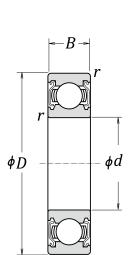


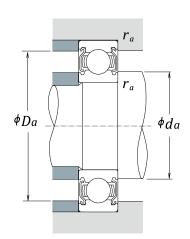
## **PRODUCT DATASHEET**

Datasheet creation date: 2025/07/08 2:33 (UTC)









## 6004ZZ

## Single-Row Deep Groove Ball Bearings

Parts Number			
	6004ZZC3		
Boundary Dimensions			
d	20	mm	Bore diameter
D	42	mm	Outside diameter
В	12	mm	Width
r (min.)	0.6	mm	Chamfer dimension
Basic Load Ratings			
Cr	10300	N	Basic dynamic load rating
C0r	5000	N	Basic static load rating
Speeds			
Grease	20000	min-1	Grease lubrication
Abutment and Fillet Dimensions			
da (min.)	24	mm	Diameter of shaft abutment
da (max.)	25.5	mm	Diameter of shaft abutment
Da (max.)	38	mm	Diameter of housing abutment
ra (max.)	0.6	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			
fo	13.8		Factor
Additional information			
Z	9		Number of Balls
Dw	6.35	mm	Ball Diameter
Mass			
Mass approx.	0.068	kg	Mass approx.