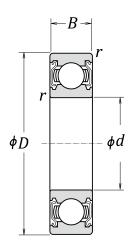


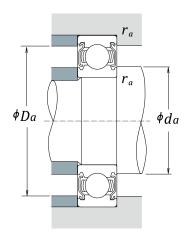
# **PRODUCT DATASHEET**

Datasheet creation date: 2025/07/08 2:23 (UTC)









# 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 (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

#### **Calculation factors**

fo	12.4	Factor	

### **Additional information**

Mass approx.

0.113

Mass				
Dw	8.731	mm	Ball Diameter	
Z	7		Number of Balls	

Mass approx.