

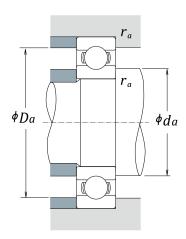
# **PRODUCT DATASHEET**

Datasheet creation date: 2025/05/28 7:46 (UTC)





# $\phi_D$



# 6212

## Single-Row Deep Groove Ball Bearings

### **Boundary Dimensions**

d	60	mm	Bore diameter	
D	110	mm	Outside diameter	
В	22	mm	Width	
r (min.)	1.5	mm	Chamfer dimension	
Basic Load Rating	gs			
Cr	57500	N	Basic dynamic load rating	
C0r	36000	N	Basic static load rating	
Speeds				
Grease	6700	min-1	Grease lubrication	
Oil (Oil-bath)	8000	min-1	Oil-bath lubrication	
Abutment and Fil	let Dimensions			
da (min.)	68	mm	Diameter of shaft abutment	
da (max.)	74.5	mm	Diameter of shaft abutment	

da (min.)	68	mm	Diameter of shaft abutment	
da (max.)	74.5	mm	Diameter of shaft abutment	
Da (max.)	102	mm	Diameter of housing abutment	
ra (max.)	1.5	mm	Radius of shaft or housing fillet	

### **Calculation factors**

fo	14.3	Facto
10	14.3	Facio

### **Additional information**

Z	10		Number of Balls
Dw	15.875	mm	Ball Diameter

### Mass

Mass approx. 0.783 kg Mass approx.	
------------------------------------	--