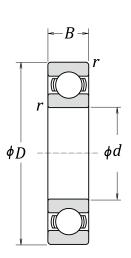


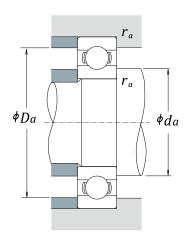
PRODUCT DATASHEET

Datasheet creation date: 2025/05/28 8:23 (UTC)









6310

Single-Row Deep Groove Ball Bearings

Mass

Mass approx.

1.06

Parts Number			
	6310C3		
Boundary Dimension	ons		
d	50	mm	Bore diameter
D	110	mm	Outside diameter
В	27	mm	Width
r (min.)	2	mm	Chamfer dimension
Basic Load Ratings			
Cr	68000	N	Basic dynamic load rating
C0r	38500	N	Basic static load rating
Speeds			
Grease	7100	min-1	Grease lubrication
Oil (Oil-bath)	8500	min-1	Oil-bath lubrication
Abutment and Fille	t Dimensions		
da (min.)	59	mm	Diameter of shaft abutment
da (max.)	68	mm	Diameter of shaft abutment
Da (max.)	101	mm	Diameter of housing abutment
ra (max.)	2	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	13.2		Factor
Additional information	tion		
Z	8		Number of Balls
Dw	19.05	mm	Ball Diameter

Mass approx.