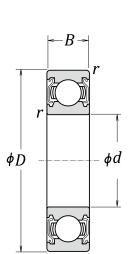


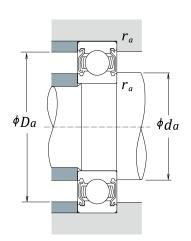
PRODUCT DATASHEET

Datasheet creation date: 2025/07/08 2:34 (UTC)









6003ZZ

Single-Row Deep Groove Ball Bearings

Parts Number			
	6003ZZC3		
Boundary Dimensio	ns		
d	17	mm	Bore diameter
D	35	mm	Outside diameter
В	10	mm	Width
r (min.)	0.3	mm	Chamfer dimension
Basic Load Ratings			
Cr	6600	N	Basic dynamic load rating
C0r	3250	N	Basic static load rating
Speeds			
Grease	24000	min-1	Grease lubrication
Abutment and Fille	t Dimensions		
da (min.)	19	mm	Diameter of shaft abutment
da (max.)	21.5	mm	Diameter of shaft abutment
Da (max.)	33	mm	Diameter of housing abutment
ra (max.)	0.3	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	14.4		Factor
Additional informat	tion		
Z	10		Number of Balls
Dw	4.762	mm	Ball Diameter
Mass			
Mass approx.	0.041	kg	Mass approx.