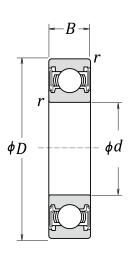


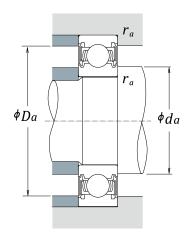
PRODUCT DATASHEET

Datasheet creation date: 2025/07/08 5:11 (UTC)









6003VV

Single-Row Deep Groove Ball Bearings

0.041

Mass approx.

Parts Number			
	6003VVC3		
Boundary Dimensions			
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 Fillet 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 information			
z	10		Number of Balls
Dw	4.762	mm	Ball Diameter
Mass			

Mass approx.