

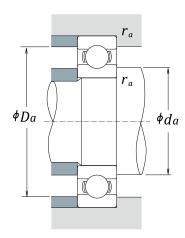
PRODUCT DATASHEET

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6800

Single-Row Deep Groove Ball Bearings

Boundary Dimensions

Douliual y Dilliells	Siviis			
d	10	mm	Bore diameter	
D	19	mm	Outside diameter	
В	5	mm	Width	
r (min.)	0.3	mm	Chamfer dimension	
Basic Load Ratin	gs			
Cr	1890	N	Basic dynamic load rating	
C0r	840	N	Basic static load rating	
Speeds				
Grease	34000	min-1	Grease lubrication	
Oil (Oil-bath)	40000	min-1	Oil-bath lubrication	
Abutment and Fil	let Dimensions			
da (min.)	12	mm	Diameter of shaft abutment	
da (max.)	12	mm	Diameter of shaft abutment	
Da (max.)	17	mm	Diameter of housing abutment	
ra (max.)	0.3	mm	Radius of shaft or housing fillet	

Calculation factors

fo	14.8	Factor

Additional information

Z	10		Number of Balls
Dw	2.381	mm	Ball Diameter

Mass

Mass approx. 0.005 kg Mass approx.	
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