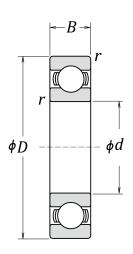


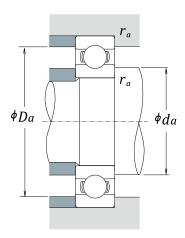
PRODUCT DATASHEET

Datasheet creation date: 2025/05/28 7:44 (UTC)









6010

Single-Row Deep Groove Ball Bearings

Boundary Dimensions

•							
d	50	mm	Bore diameter				
D	80	mm	Outside diameter				
В	16	mm	Width				
r (min.)	1	mm	Chamfer dimension				
Basic Load Rating	js						
Cr	24000	N	Basic dynamic load rating				
C0r	16600	N	Basic static load rating				
Speeds							
Grease	9500	min-1	Grease lubrication				
Oil (Oil-bath)	11000	min-1	Oil-bath lubrication				
Abutment and Fillet Dimensions							
da (min.)	55	mm	Diameter of shaft abutment				
da (max.)	58.5	mm	Diameter of shaft abutment				
Da (max.)	75	mm	Diameter of housing abutment				

Calculation factors

ra (max.)

fo	15.6	Factor
10	13.0	i actoi

mm

1

Additional information

DW	0./31	mm	Dali Dialifetei
Dw	8.731	mm	Ball Diameter
Z	14		Number of Balls

Radius of shaft or housing fillet

Mass

Mass approx. 0.261 kg Mass approx.	
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