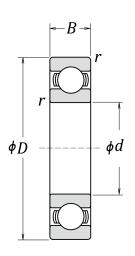


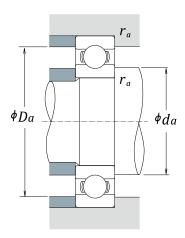
PRODUCT DATASHEET

Datasheet creation date: 2025/07/09 7:51 (UTC)









6307

Single-Row Deep Groove Ball Bearings

Boundary Dimensions

D 80 mm Outside diameter					
B 21 mm Width					
r (min.) 1.5 mm Chamfer dimension					
Basic Load Ratings					
Cr 36500 N Basic dynamic load rating					
COr 19200 N Basic static load rating					
Speeds					
Grease 10000 min-1 Grease lubrication					
Oil (Oil-bath) 12000 min-1 Oil-bath lubrication					
Abutment and Fillet Dimensions					

da (min.)	43	mm	Diameter of shaft abutment	
da (max.)	47	mm	Diameter of shaft abutment	
Da (max.)	72	mm	Diameter of housing abutment	
ra (may)	1.5	mm	Padius of shaft or housing fillet	

Calculation factors

fo 13.2 Factor	fo	13.2	Factor
----------------	----	------	--------

Additional information

Mass approx.

Mass				
Dw	13.494	mm	Ball Diameter	
Z	8		Number of Balls	

Mass approx.

0.464