

Deep Groove Ball Bearing

618 Series Deep Groove Ball Bearing-



Model

-	
-	
-	61809-2RS1

Basic load rating

Dynamic

C

kN	45
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static

C0

kN	58
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Dimension

-	
B	
mm	7

D	
mm	6.63

d	
mm	6.1

Rated Speed

Reference speed

r/min	
-	-

limit speed1

r/min	
-	6 700

Dimension

d1	
≈	
mm	48.2

D1	
≈	
mm	

D2	
≈	
mm	55.4

r1,2	
Min	
mm	0.3

The dimensions of the shoulder and chamfer

da	
Min	
mm	47

da	
Max	
mm	49

Da	
Max	
mm	56

ra

Max	
mm	0.3
Computing coefficients	
-	
kr	
-	0.015
-	
f0	
-	17
Weight	
-	
-	
kg	0.04
Brand	MONTON