

Deep Groove Ball Bearing

618 Series Deep Groove Ball Bearing-



Model

-

-

- 61800-2Z

Basic load rating

Dynamic

C

kN 10

static

C0

kN 19

Dimension

-

B

mm 5

-

D

mm 1.72

-

d

mm 0.83

Rated Speed

Reference speed

r/min

- 80 000

limit speed1

r/min

- 38 000

Dimension

d1

≈

mm 12.7

D1

≈

mm -

D2

≈

mm 17.2

r1,2

Min

mm 0.3

The dimensions of the shoulder and chamfer

da

Min

mm 12

da

Max

mm 12.5

Da

Max

mm 17

ra

Max	
mm	0.3
Computing coefficients	
-	
kr	
-	0.015
-	
f0	
-	15
Weight	
-	
-	
kg	0.0055
Brand	MONTON