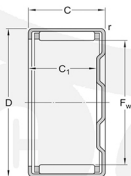


# Drawn Cup Needle Roller Bearing

## BK0509 with CLOSED end



### Part Number: BK0509 (5x9x9 mm)

Bearing Type	Needle Roller Bearing
For Load Direction	Radial
Construction	Single Row
End	Closed
Measurement Unit	Metric
Seal Type	Open
For Shaft Diameter	5mm
Bore Dia (Fw)	5mm
Bore Dia Tolerance	+10 to +28 um
For Housing ID	9mm
Outer Dia (D)	9mm
Outer Dia Tolerance	Not Rated
Width (C)	9mm
Width Tolerance	-0.3mm to 0mm
Ring Material	steel
Ball Material	steel
Cage Material	steel
Dynamic Load Rating (Cr) (Newtons)	2400 N
Static Load Rating (Cor) (Newtons)	1990 N
Fatigue limit load(Cur) (Newtons)	239 N
Max Speed (Grease) (RPM)	39000 RPM
Lubrication	Required
Lubricant	Grease
Shaft Mount Type	Press Fit
Temperature Range	-20 to 110 °C
RoHS	Compliant
Weight (grams)	2.1 g
Brand / Trade Mark	CLI