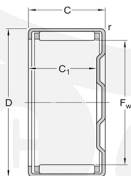


# Drawn Cup Needle Roller Bearing

## BK0810 with CLOSED end



### Part Number: BK0810 (8x12x10 mm)

|                                    |                       |
|------------------------------------|-----------------------|
| Bearing Type                       | Needle Roller Bearing |
| For Load Direction                 | Radial                |
| Construction                       | Single Row            |
| End                                | Closed                |
| Measurement Unit                   | Metric                |
| Seal Type                          | Open                  |
| For Shaft Diameter                 | 8mm                   |
| Bore Dia (Fw)                      | 8mm                   |
| Bore Dia Tolerance                 | +13 to +31 um         |
| For Housing ID                     | 12mm                  |
| Outer Dia (D)                      | 12mm                  |
| Outer Dia Tolerance                | Not Rated             |
| Width (C)                          | 10mm                  |
| Width Tolerance                    | -0.3mm to 0mm         |
| Ring Material                      | steel                 |
| Ball Material                      | steel                 |
| Cage Material                      | steel                 |
| Dynamic Load Rating (Cr) (Newtons) | 3800 N                |
| Static Load Rating (Cor) (Newtons) | 3950 N                |
| Fatigue limit load(Cur) (Newtons)  | 500 N                 |
| Max Speed (Grease) (RPM)           | 29500 RPM             |
| Lubrication                        | Required              |
| Lubricant                          | Grease                |
| Shaft Mount Type                   | Press Fit             |
| Temperature Range                  | -20 to 110 °C         |
| RoHS                               | Compliant             |
| Weight (grams)                     | 3.4 g                 |
| Brand / Trade Mark                 | CLI                   |