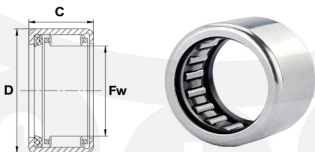


## Drawn Cup Needle Roller Bearing HK0812-RS with OPEN end



### Part Number: HK0812-RS ( 8 x 12 x 12 mm )

|                                    |                       |
|------------------------------------|-----------------------|
| Bearing Type                       | Needle Roller Bearing |
| For Load Direction                 | Radial                |
| Construction                       | Single Row            |
| End                                | Open                  |
| Measurement Unit                   | Metric                |
| Seal Type                          | Single Seal           |
| For Shaft Diameter                 | 8 mm                  |
| Bore Dia (Fw)                      | 8 mm                  |
| Bore Dia Tolerance                 | +13 to +31 um         |
| For Housing ID                     | 12 mm                 |
| Outer Dia (D)                      | 12 mm                 |
| Outer Dia Tolerance                | Not Rated             |
| Width (C)                          | 12 mm                 |
| Width Tolerance                    | -0.3 mm to 0 mm       |
| 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)           | 17700 RPM             |
| Lubrication                        | Required              |
| Lubricant                          | Grease                |
| Shaft Mount Type                   | Press Fit             |
| Working Temperature                | -20 to 110 °C         |
| RoHS                               | Compliant             |
| Weight (grams)                     | 3.1 g                 |
| Working Precision                  | ABEC-1                |
| Brand                              | Neutral / CLI         |