

**BK1512-L271** [↗](#)

Drawn cup needle roller bearing closed end

Drawn cup needle roller bearings with closed end BK, to DIN 618/ISO 3245

## Technical information

**Your current product variant**

Coating	Without
Type of Seal	Without

**Main Dimensions & Performance Data**

$F_w$	15 mm	Under roller diameter
D	21 mm	Outside diameter
C	12 mm	Width, outer ring
$C_r$	7.900 N	Basic dynamic load rating, radial
$C_{0r}$	9.400 N	Basic static load rating, radial
$C_{ur}$	1.170 N	Fatigue load limit, radial
$n_G$ Grease	9.800 1/min	Limiting speed for grease lubrication
$n_G$	16.300 1/min	Limiting speed
$n_{gr}$	12.300 1/min	Reference speed
$m$	13 g	Weight

**Dimensions**

$r_{min}$	0,8 mm	Minimum chamfer dimension
$C_{tmin}$	9,3 mm	Minimum width to base of drawn cup with closed end

**Temperature range**






$T_{min}$	-30 °C	Operating temperature min.
$T_{max}$	140 °C	Operating temperature max.



### Additional information

SD15X21X3	Sealing ring
G15X21X3	Sealing ring 2
LR12X15X12,5	Suitable inner rings LR
IR12X15X12,5-XL	Suitable inner rings IR

### Characteristics

-  Radial load
-  Grease Lubrication
-  Oil Lubrication
-  Not sealed
-  Small design envelope