

**HK0408-B-L294** [↗](#)

Drawn cup needle roller bearing open end

Drawn cup needle roller bearings with open ends HK, to DIN 618/ISO 3245

## Technical information



## Your current product variant

Lubricant	L294	Grease (L294/customer specific)
Lubrication hole	Without	
Coating	Without	
Sealing	Without	

## Main Dimensions &amp; Performance Data

$F_w$	4 mm	Under roller diameter
D	8 mm	Outside diameter
C	8 mm	Width
$C_r$	1.780 N	Basic dynamic load rating, radial
$C_{0r}$	1.310 N	Basic static load rating, radial
$C_{ur}$	147 N	Fatigue load limit, radial
$n_G$	42.500 1/min	Limiting speed
$n_G$ Grease	25.500 1/min	Limiting speed for grease lubrication
$n_{gr}$	44.500 1/min	Reference speed
$\approx m$	1,5 g	Weight

## Dimensions

$C_1$	8 mm	Width, outer ring
$r_{min}$	0,4 mm	Minimum chamfer dimension








### Temperature range

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

### Additional information

GR4X8X2      Sealing ring

### Characteristics

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