



## HK1816-2RS

Drawn cup needle roller bearing open end

Drawn cup needle roller bearings with open ends HK..-2RS, lip seals on both sides, to DIN 618

### Technical information



#### Your current product variant

Lubricant	L271	Grease (L271/standart specific)
Lubrication hole	Without	
Coating	Without	
Type of Seal	2RS	Contact seal on both sides

#### Main Dimensions & Performance Data

$F_w$	18 mm	Under roller diameter
$D$	24 mm	Outside diameter
$C_r$	8.100 N	Basic dynamic load rating, radial
$C_{0r}$	10.900 N	Basic static load rating, radial
$C_{ur}$	1.330 N	Fatigue load limit, radial
$n_G$	8.400 1/min	Limiting speed
$n_G$ Grease	8.400 1/min	Limiting speed for grease lubrication
$\approx m$	15,41 g	Weight

#### Dimensions

$C_1$	16 mm	Width, outer ring
$r_{min}$	0,8 mm	Minimum chamfer dimension

#### Temperature range

$T_{min}$	-20 °C	Operating temperature min.
$T_{max}$	100 °C	Operating temperature max.



### Additional information

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LR15X18X16,5

Suitable inner rings LR

IR15X18X16-XL

Suitable inner rings IR

### Characteristics

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Radial load



Grease Lubrication



Sealed on both sides



Small design envelope