



182.72.104.66BKNadelbüchsen

## Drawn cup needle roller bearings with closed end BK0509 (Series BK) to DIN 618/ISO 3245

The datasheet is only an overview of dimensions and basic load ratings of the selected product. Please always observe all the guidelines in these overview pages. Further information is given on many products under the menu item "Description". You can also order comprehensive information via the Catalogue ordering system ([https://www.schaeffler.de/content.schaeffler.de/en/news\\_media/index.jsp](https://www.schaeffler.de/content.schaeffler.de/en/news_media/index.jsp)) or by telephone on +49 (91 32) 82 - 28 97.

F <sub>w</sub>	5 mm
D	9 mm
C	9 mm Tolerance: 0/-0,3
C <sub>t</sub> min	7,4 mm
r <sub>min</sub>	0,4 mm
m	2,1 g Mass
C <sub>r</sub>	2400 N Basic dynamic load rating, radial
C <sub>0r</sub>	1990 N Basic static load rating, radial
C <sub>ur</sub>	239 N Fatigue limit load, radial
n <sub>G</sub>	39000 1/min Limiting speed
n <sub>B</sub>	36500 1/min Reference speed
	GR5X9X2 Suitable sealing ring
	Not available with lubrication hole.

