

# Axial cylindrical roller and cage assembly

## K81120-TV (Series K811)

single direction, suitable for combination with axial bearing washers

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.

D <sub>c1</sub>	100 mm	
D <sub>c</sub>	135 mm	
D <sub>w</sub>	11 mm	
E <sub>a</sub>	131 mm	
E <sub>b</sub>	104 mm	
m	0,25 kg	Mass
C <sub>a</sub>	199000 N	Basic dynamic load rating, axial
C <sub>0a</sub>	650000 N	Basic static load rating, axial
C <sub>ua</sub>	61000 N	Fatigue limit load
n <sub>G</sub>	2480 1/min	Limiting speed

n <sub>gr</sub>	930 1/min	Reference speed
	GS81120	Allocated housing locating washer
	WS81120	Allocated shaft locating washer
	LS100135	Allocated bearing washer



