

## Axial cylindrical roller bearings 81211-TV (Series 812)

single direction, comprising K812, GS, WS

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	55 mm
D	90 mm
T	25 mm
D <sub>1</sub>	57 mm
d <sub>1</sub>	90 mm
Da max	59 mm
da min	85 mm
r <sub>a</sub> max	1 mm
r <sub>min</sub>	1 mm
m	0,568 kg    Mass

$C_a$	155000 N	Basic dynamic load rating, axial
$C_{0a}$	405000 N	Basic static load rating, axial
$C_{ua}$	39000 N	Fatigue limit load
$n_G$	4050 1/min	Limiting speed
$n_{\theta r}$	1540 1/min	Reference speed
	K81211-TV	Allocated axial cylindrical roller and cage assembly
	GS81211	Allocated housing locating washer
	WS81211	Allocated shaft locating washer



