

## Axial cylindrical roller bearings 81118-TV

### (Series 811)

single direction, comprising K811, 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	90 mm
D	120 mm
T	22 mm
D <sub>1</sub>	92 mm
d <sub>1</sub>	120 mm
Da max	93 mm
da min	117 mm
r <sub>a</sub> max	1 mm
r <sub>min</sub>	1 mm
m	0,62 kg    Mass

$C_a$	141000 N	Basic dynamic load rating, axial
$C_{0a}$	465000 N	Basic static load rating, axial
$C_{ua}$	41000 N	Fatigue limit load
$n_G$	2750 1/min	Limiting speed
$n_{\theta r}$	1070 1/min	Reference speed
	K81118-TV	Allocated axial cylindrical roller and cage assembly
	GS81118	Allocated housing locating washer
	WS81118	Allocated shaft locating washer
	LS90120	Allocated bearing washer



