

# Axial spherical roller bearings

## 29426-E1-XL (Series 294..-E1)

main dimensions to DIN 728/ISO 104, single direction,  
separable

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 selection 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	130 mm
D	270 mm
T	85 mm
	30 ° Chamfer angle, spacer sleeve
A	81 mm
D <sub>1</sub>	184,5 mm
d <sub>1</sub>	240 mm
D <sub>a</sub> max	227 mm
d <sub>a</sub> min	195 mm
d <sub>b1</sub> max	143 mm
d <sub>b</sub> max	153 mm
D <sub>b</sub> min	275 mm
r <sub>a</sub> max	3 mm
r <sub>min</sub>	4 mm
T <sub>1</sub>	40,9 mm
T <sub>3</sub>	54 mm
T <sub>5</sub>	75 mm
m	21 kg Mass
C <sub>a</sub>	1700000 N Basic dynamic load rating, axial

$C_{0a}$	4350000 N	Basic static load rating, axial
$n_c$	2600 1/min	Limiting speed
$n_B$	1360 1/min	Reference speed
$C_{ua}$	445000 N	Fatigue limit load, axial



