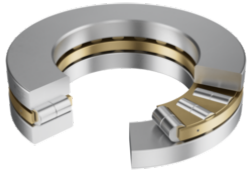


**89428-M**

## Axial cylindrical roller bearing

Axial cylindrical roller bearings 894, single direction, comprising K894, GS, WS



## Technical information

**Main Dimensions & Performance Data**

d	140 mm	Bore diameter
D	280 mm	Outside diameter
T	85 mm	Height
C <sub>a</sub>	1.390.000 N	Basic dynamic load rating, axial
C <sub>0a</sub>	4.950.000 N	Basic static load rating, axial
C <sub>ua</sub>	465.000 N	Fatigue load limit, axial
n <sub>G</sub>	1.370 1/min	Limiting speed
n <sub>gr</sub>	490 1/min	Reference speed
m	29,7 kg	Weight

**Dimensions**

D <sub>1</sub>	144 mm	Bore diameter housing washer
d <sub>1</sub>	280 mm	Rip diameter shaft washer
r <sub>min</sub>	4 mm	Minimum chamfer dimension

**Temperature range**

T <sub>min</sub>	-20 °C	Operating temperature min.
T <sub>max</sub>	120 °C	Operating temperature max.



### Additional information

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K89428-M	Axial roller and cage assembly
GS89428	Housing Washer
WS89428	Shaft washer

### Characteristics

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 Axial load in one direction

 Grease Lubrication

 Oil Lubrication

 Not sealed