# SCHAEFFLER

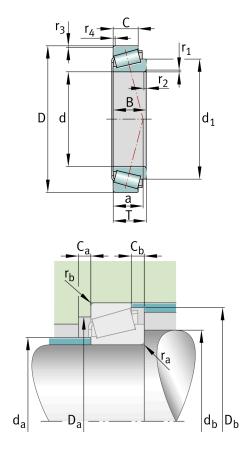


### 32905

Tapered roller bearing

Tapered roller bearings 329, main dimensions to DIN ISO 355 / DIN 720, separable, adjusted or in pairs

Technical information



## Main Dimensions & Performance Data

d	25 mm	Bore diameter
D	42 mm	Outside diameter
В	12 mm	Width, inner ring
С	9 mm	Width, outer ring
Т	12 mm	Width, total
C <sub>r</sub>	16,700 N	Basic dynamic load rating, radial
C <sub>0r</sub>	21,300 N	Basic static load rating, radial
C <sub>ur</sub>	2,100 N	Fatigue load limit, radial
n <sub>G</sub>	18,100 1/min	Limiting speed
n <sub>ər</sub>	9,700 1/min	Thermal speed rating
≈m	0.067 kg	Weight

## Mounting dimensions

d <sub>a max</sub>	29 mm	Maximum diameter of shaft shoulder
d <sub>b min</sub>	30 mm	Minimum diameter of shaft shoulder
D <sub>a min</sub>	37 mm	Minimum diameter of housing shoulder
D <sub>b min</sub>	39 mm	Minimum diameter of housing shoulder
C <sub>a min</sub>	2 mm	Minimum axial space
C <sub>b min</sub>	3 mm	Minimum axial space
r <sub>a max</sub>	0.3 mm	Maximum fillet radius of shaft
r <sub>b max</sub>	0.3 mm	Maximum fillet radius of housing

### Dimensions

r <sub>1, 2</sub> min	0.3 mm	Minimum chamfer dimension of inner ring back
		face
r <sub>3, 4 min</sub>	0.3 mm	Minimum chamfer dimension of outer ring back
		face
а	9 mm	Distance between the apexes of the pressure
		cones
d 1	34.6 mm	Guidance rib diameter of inner ring

The datasheet is only an overview of dimensions and basic load ratings of the selected product. Please always observe all further information and guidelines for this product. For further information you can use the contact form on our website.

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### Temperature range

T <sub>min</sub>	-30 °C	Operating temperature min.		
T <sub>max</sub>	120 °C	Operating temperature max.		
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Calculation factors				
е	0.32	Limiting value of Fa/Fr for the applicability of		
		diff. Values of factors X and Y		
Y	1.88	Dynamic axial load factor		
Υ <sub>0</sub>	1.04	Static axial load factor		
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#### Additional information

T2BD025

Comparative designation to ISO 10317 and ISO 355