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12.06.2026, 04:03:57 UTC

SCHAEFFLER

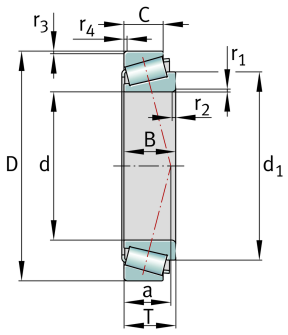
FAG

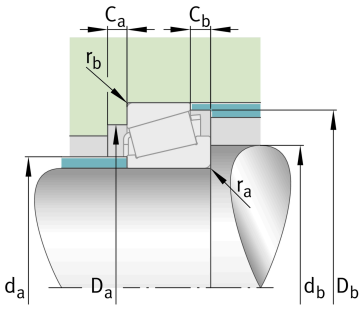
32926

Tapered roller bearing

Tapered roller bearings 329, main dimensions acc. to DIN 720, separable

Technical information





Your current product variant

Tolerance class	P6X	Class 6X (ISO 492:2023)
Heat treatment	Standard	
Cage	Standard	Sheet steel cage, window cage, roller-guided
Internal design	Standard	
Quality level	Standard	
Number of rows	1	Single-row design

Main Dimensions & Performance Data

d	130 mm	Bore diameter
D	180 mm	Outside diameter
B	32 mm	Width, inner ring
C	25 mm	Width, outer ring
T	32 mm	Width, total
C_r	208,000 N	Basic dynamic load rating, radial
C_{0r}	370,000 N	Basic static load rating, radial
C_{ur}	42,000 N	Fatigue load limit, radial
n_G	3,750 1/min	Limiting speed
$n_{\vartheta r}$	2,220 1/min	Thermal speed rating
≈m	2.406 kg	Weight

The data sheet only contains an overview of the technical data of the selected product. Please refer to the additional documentation for this product. For further information, please use the following link on our website: Contact form

Mounting dimensions

$d_{a\ max}$	141 mm	Maximum diameter of shaft shoulder
$d_{b\ min}$	139 mm	Minimum diameter of shaft shoulder
$D_{a\ min}$	167 mm	Minimum diameter of housing shoulder
$D_{a\ max}$	171 mm	Maximum diameter of housing shoulder
$D_{b\ min}$	173 mm	Minimum diameter of housing shoulder
$C_{a\ min}$	6 mm	Minimum axial space
$C_{b\ min}$	7 mm	Minimum axial space
$r_{a\ max}$	2 mm	Maximum fillet radius of shaft
$r_{b\ max}$	1.5 mm	Maximum fillet radius of housing

Dimensions

$r_{1,\ 2\ min}$	2 mm	Minimum chamfer dimension of inner ring back face
$r_{3,\ 4\ min}$	1.5 mm	Minimum chamfer dimension of outer ring back face
a	32 mm	Distance between the apexes of the pressure cones
d_1	154.8 mm	Guidance rib diameter of inner ring

Temperature range

T_{min}	-30 °C	Operating temperature min.
T_{max}	120 °C	Operating temperature max.

Calculation factors

e	0.34	Limiting value of Fa/Fr for the applicability of diff. Values of factors X and Y
Y	1.77	Dynamic axial load factor
Y_0	0.97	Static axial load factor

Additional information

	T2CC130	Comparative designation to ISO 10317 and ISO 355

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Characteristics

Radial load

Axial load in one direction

Grease Lubrication

Oil Lubrication

Not sealed

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