



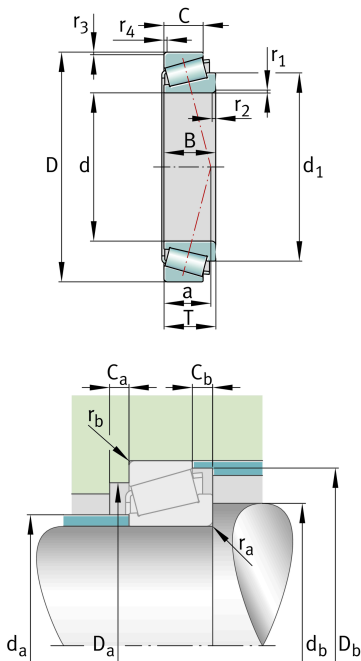
FAG

32922

Tapered roller bearing

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

Technical information



Your current product variant

Tolerance class	P6X	Class 6X (ISO 492:2014)
Heat treatment	Standard	
Cage	Standard	Sheet steel cage, window cage, roller-guided
Internal design	Standard	
Quality level	Standard	
Number of rolling element rows	1	Single-row design

Main Dimensions & Performance Data

d	110 mm	Bore diameter
D	150 mm	Outside diameter
B	25 mm	Width, inner ring
C	20 mm	Width, outer ring
T	25 mm	Width, total
C _r	133,000 N	Basic dynamic load rating, radial
C _{0r}	231,000 N	Basic static load rating, radial
C _{ur}	27,000 N	Fatigue load limit, radial
n _G	4,550 1/min	Limiting speed
n _{gr}	2,500 1/min	Thermal speed rating
m	1.265 kg	Weight



Mounting dimensions

d a max	118 mm	Maximum diameter of shaft shoulder
d b min	117 mm	Minimum diameter of shaft shoulder
D a min	140 mm	Minimum diameter of housing shoulder
D a max	141 mm	Maximum diameter of housing shoulder
D b min	145 mm	Minimum diameter of housing shoulder
C a min	5 mm	Minimum axial space
C b min	5 mm	Minimum axial space
r a max	1.5 mm	Maximum fillet radius of shaft
r b max	1.5 mm	Maximum fillet radius of housing

Dimensions

r 1, 2 min	1.5 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	26 mm	Distance between the apexes of the pressure cones
d 1	130.2 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	0.36	Limiting value of Fa/Fr for the applicability of diff. Values of factors X and Y
Y	1.69	Dynamic axial load factor
Y 0	0.93	Static axial load factor

Additional information

T2CC110	Comparative designation to ISO 10317 and ISO 355
---------	--



Characteristics

-  Radial load
-  Axial load in one direction
-  Grease Lubrication
-  Oil Lubrication
-  Not sealed