

FAG

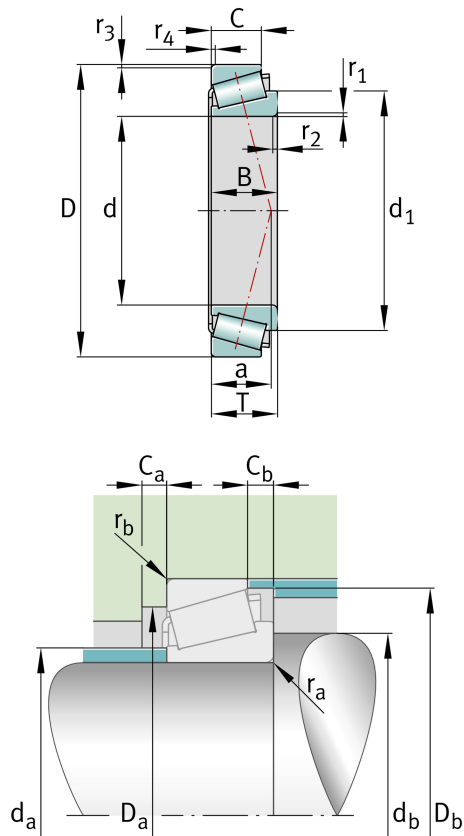
32924

Tapered roller bearing

Schaeffler ID:
0167132490000

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

Technical information



Main Dimensions & Performance Data

d	120 mm	Bore diameter
D	165 mm	Outside diameter
B	29 mm	Width, inner ring
C	23 mm	Width, outer ring
T	29 mm	Width, total
C _r	176.000 N	Basic dynamic load rating, radial
C _{0r}	305.000 N	Basic static load rating, radial
C _{ur}	35.500 N	Fatigue load limit, radial
n _G	4.100 1/min	Limiting speed
n _{gr}	2.370 1/min	Thermal speed rating
	1,784 kg	Weight

Dimensions

	T2CC120	Comparative designation to ISO 10317 and ISO 355
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	29 mm	Distance between the apexes of the pressure cones
d ₁	141 mm	Guidance rib diameter of inner ring

Mounting dimensions

$d_{a \max}$	128 mm	Maximum diameter of shaft shoulder
$d_{b \min}$	127 mm	Minimum diameter of shaft shoulder
$D_{a \min}$	154 mm	Minimum diameter of housing shoulder
$D_{a \max}$	158 mm	Maximum diameter of housing shoulder
$D_{b \min}$	160 mm	Minimum diameter of housing shoulder
$C_{a \min}$	6 mm	Minimum axial space
$C_{b \min}$	6 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

Calculation factors

e	0,35	Limiting value of F_a/F_r for the applicability of diff. Values of factors X and Y
Y	1,72	Dynamic axial load factor
Y_0	0,95	Static axial load factor

Temperature range

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