



# Tapered roller bearings 33110

## (Series 331)

main dimensions to DIN ISO 355 / DIN 720, separable,  
adjusted or in pairs

The datasheet is only an overview of dimensions and basic load ratings of the selected product. Please always observe all the guidelines in these overview pages. Further information is given on many products under the menu item "Description". You can also order comprehensive information via the Catalogue selection system (<http://www.fag.de/content.fag.de/en/mediathek/library/library.jsp>) or by telephone on +49 (91 32) 82 - 28 97.

d	50 mm
D	85 mm
T	26 mm
a	21 mm ≈
B	26 mm
C	20 mm
Ca	4 mm
min	
Cb	6 mm
min	
d1	69,1 mm ≈
Da	78 mm
max	
da	56 mm
max	
Da	74 mm
min	
Db	82 mm
min	
db	57 mm
min	
r1, 2	1,5 mm
min	
r3, 4	1,5 mm
min	

$r_{a\max}$	1,5 mm
$r_{b\max}$	1,5 mm
m	0,642 kg $\approx$ Mass
$C_r$	86000 N Basic dynamic load rating, radial
$C_{0r}$	122000 N Basic static load rating, radial
e	0,41
Y	1,46
$Y_0$	0,8
$C_{ur}$	15200 N Fatigue limit load, radial
$n_G$	8200 1/min Limiting speed
$n_B$	4600 1/min Reference speed
	T3CE050 Comparative designation to DIN ISO 355



