



# Tapered roller bearings T7FC070 (Series T)

main dimensions to DIN ISO 355, 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	70 mm
D	140 mm
T	39 mm
a	47 mm ≈
B	35,5 mm
C	27 mm
Ca	6 mm
min	
Cb	12 mm
min	
d <sub>1</sub>	108,6 mm ≈
Da	126 mm
max	
da	81 mm
max	
Da	106 mm
min	
Db	133 mm
min	
db	90 mm
min	
r <sub>1,2</sub>	3 mm
min	
r <sub>3,4</sub>	3 mm
min	

$r_{a\max}$	3 mm
$r_{b\max}$	3 mm
$m$	2,68 kg $\approx$ Mass
$C_r$	208000 N Basic dynamic load rating, radial
$C_{0r}$	237000 N Basic static load rating, radial
$e$	0,87
$Y$	0,69
$Y_0$	0,38
$C_{ur}$	36500 N Fatigue limit load, radial
$n_G$	4800 1/min Limiting speed
$n_B$	4100 1/min Reference speed



