



MACHINE PRECISION AXLE CORP.



50 mm x 105 mm x 29 mm FAG T7FC050 Ball Bearings

Bearing No. T7FC050

Size	50x105x32 mm
Bore Diameter	50 mm
Outer Diameter	105 mm
Width	32 mm
d	50 mm
D	105 mm
T	32 mm
a	36 mm
B	29 mm
C	22 mm
C _{a min}	5 mm
C _{b min}	10 mm
D _{a max}	91 mm
D _{a min}	78 mm
D _{b min}	100 mm
d ₁	80,9 mm
d _{a max}	59 mm
d _{b min}	65 mm
r _{1,2 min}	3 mm
r _{3,4 min}	3 mm
r _{a max}	3 mm
r _{b max}	3 mm
m	1,24 kg / Weight
C	127000 N

T7FC050 Bearing 2D drawings and 3D CAD models



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r	
C_{0r}	135000 N / Static load rating (radial)
e	0,87
Y	0,69
Y_0	0,38
C_{ur}	20400 N / Fatigue limit load, radial
n_G	6600 1/min / Limiting speed
n_B	5500 1/min / Reference speed