



# PRODUCT DATASHEET

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## 51107

### Single-Direction Thrust Ball Bearings



#### Boundary Dimensions

d	35	mm	Bore diameter
D	52	mm	Outside diameter
T,T3	12	mm	Height
r (min.)	0.6	mm	Chamfer dimension

#### Basic Load Ratings

Ca	22100	N	Basic dynamic load rating
C0a	49500	N	Basic static load rating

#### Speeds

Grease	4000	min-1	Grease lubrication
Oil (Oil-bath)	6000	min-1	Oil-bath lubrication

#### Dimensions

d1	52	mm	Outside diameter shaft washer
D1	37	mm	Inner diameter housing washer

#### Abutment and Fillet Dimensions

da (min.)	45	mm	Diameter of shaft abutment
Da (max.)	42	mm	Diameter of housing abutment
ra (max.)	0.6	mm	Radius of shaft or housing fillet

#### Mass

Mass approx.	0.081	kg	Mass approx.
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