



PRODUCT DATASHEET

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51105

Single-Direction Thrust Ball Bearings



Boundary Dimensions

d	25	mm	Bore diameter
D	42	mm	Outside diameter
T,T3	11	mm	Height
r (min.)	0.6	mm	Chamfer dimension

Basic Load Ratings

Ca	19700	N	Basic dynamic load rating
C0a	37000	N	Basic static load rating

Speeds

Grease	4800	min-1	Grease lubrication
Oil (Oil-bath)	7100	min-1	Oil-bath lubrication

Dimensions

d1	42	mm	Outside diameter shaft washer
D1	26	mm	Inner diameter housing washer

Abutment and Fillet Dimensions

da (min.)	35	mm	Diameter of shaft abutment
Da (max.)	32	mm	Diameter of housing abutment
ra (max.)	0.6	mm	Radius of shaft or housing fillet

Mass

Mass approx.	0.056	kg	Mass approx.
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