



The Timken Company

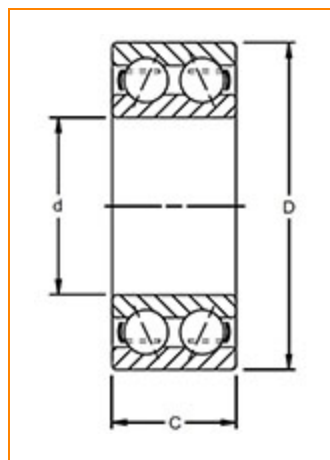
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Part Number 3207 ATN1/ZZ, Timken® Double Row Angular Contact Ball Bearings (3200, 3300)



[Dimensions](#) | [Specifications](#) | [Basic Load Ratings](#) | [Abutment and Fillet Dimensions](#)

Dimensions

d - Bore	35.00 mm 1.378 in
D - Outer Diameter	72.00 mm 2.8346 in
C - Ring Width	27.00 mm 1.0630 in
Contact Angle	30 °

Specifications

Features	Shields
Ball Type	STEEL



Cage Type	Molded
Cage Material	Nylon
Bearing Weight	0.39 Kg 0.858 lb
Design Units	METRIC

Basic Load Ratings

C0 - Static Radial Rating	23700 N 5327 lbf
C1 ISO - Dynamic Radial Rating	30500 N 6855 lbf

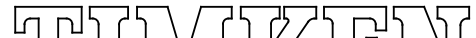
Abutment and Fillet Dimensions

R - Inner Ring "To Clear" Radius ¹	1.10 mm 0.043 in
r - Outer Ring "To Clear" Radius ²	1.10 mm 0.043 in
da - Inner Ring Backing Diameter	42.0 mm 1.654 in
Da - Outer Ring Backing Diameter	65.00 mm 2.5590 in

¹ Maximum housing fillet radius that bearing corners will clear.

² Maximum shaft fillet radius that bearing corners will clear.



Number of Balls Per Row	10		3207 ATN1/ZZ Timken® Double Row Angular Contact Ball Bearings (3200, 3300)
Bearing Weight	0.390 kg		
		THE TIMKEN COMPANY NORTH CANTON, OHIO USA	Dynamic Load Rating 30500 N Static Load Rating 23700 N

FOR DISCUSSION ONLY