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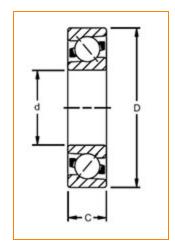
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Part Number 7306 BM/CN, Timken® Single Row Angular Contact Ball Bearings (7200,

7300)

Timken® angular contact ball bearings are designed for combination radial and axial loading. Single-row bearings have high thrust capacity in one direction. Some single-row bearings are specifically designed for duplex mounting in sets for maximum performance.





<u>Dimensions</u> | <u>Basic Load Ratings</u> | <u>Factors</u> | <u>Specifications</u> | <u>Abutment and Fillet Dimensions</u>

Dimensions -				
	d - Bore	30.00 mm 1.1811 in		
	D - Outer Diameter	72.00 mm 2.8346 in		
	Bearing Width	19.00 mm 0.7480 in		
	Contact Angle	40°		

Basic Load Ratings		-
0 - Static Radial Rating	19300 N 4338 lbf	



C1 ISO - Dynamic Radial Rating 31000 N 6968 lbf

Factors	-
Limiting Speed (Grease) 9600 rpm	
Limiting Speed (Oil) 13000 rpm	

Specifications	-
Ball Type	STEEL
Cage Type	Machined
Cage Material	Brass
Bearing Weight	0.35 Kg 0.772 lb
Design Units	METRIC
R - Inner Ring "Touch" Radius	0.6
r - Outer Ring "Touch" Radius	0.6
Features	Open

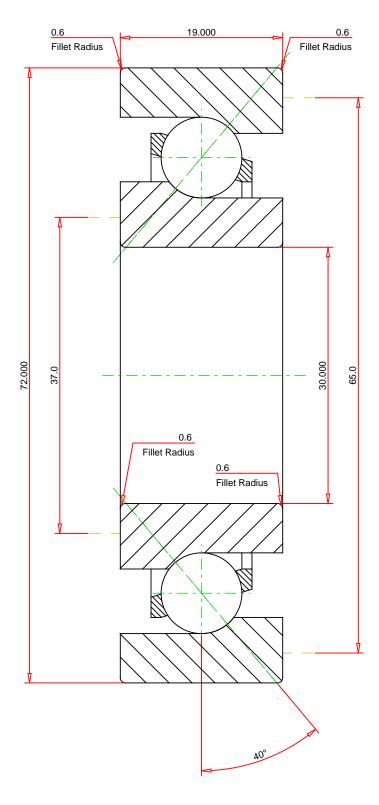
Abutment and Fillet Dimensions -					
	R - Inner Ring "To Clear" Radius ¹	0.60 mm 0.024 in			
	r - Outer Ring "To Clear" Radius ²	0.60 mm 0.024 in			
	da - Inner Ring Backing Diameter	37.0 mm 1.457 in			
	Da - Outer Ring Backing	65.00 mm			



Diameter 2.5590 in

 1 Maximum housing fillet radius that bearing corners will clear. 2 Maximum shaft fillet radius that bearing corners will clear.





METRIC UNITS

Number of Balls Per Row
Bearing Weight

11
0.350 kg

THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

7306 BM/CN

Timken® Single Row Angular Contact Ball Bearings (7200, 7300)

Dynamic Radial Rating Static Radial Rating 31000 19300

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