

Tapered roller bearing 30221-TIMKEN - 30221-TIMKEN

<https://www.123bearing.com/bearing-housing/roller-bearing/tapered/30221-timken>

TAPERED ROLLER BEARINGS
SINGLE-ROW • IsoClass

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Bearing Dimensions			Load Ratings						Part Number	
Bore d	O.D. D	Width T	Dynamic ⁽¹⁾ C ₁	Factor ⁽²⁾ e	Dynamic ⁽³⁾ C ₂	Factor ⁽³⁾ K	Static C ₀	Assembly Inner/Outer		
mm	mm	mm	N		N	N	N			
in	in	in	lbf		lbf	lbf	lbf			
105.000	190.000	39.000	320000	4.52	84000	60700	1.28	407000	30221	
4.1339	7.4803	1.5354	72000		19000	13600		91400		

Mounting Dimensions										Geometry Factors			Bearing Weight		
Shaft					Housing					Cage					
Width B	Width C	ER Co. a ⁽¹⁾	Max Shaft Fillet Radius R ⁽²⁾	Backing Shoulder Dia. d _s	Backing Fillet Radius r ⁽³⁾	Max Housing Fillet Radius R ⁽⁴⁾	Backing Shoulder Dia. D _s	Backing Fillet Radius r ⁽⁵⁾	A ₁ ⁽⁶⁾	A ₂ ⁽⁷⁾	G ₁	G ₂	C ₃	kg	
mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	lb
36.000	36.000	-1.3	3.6	105.0	126.0	2.5	176.0	102.0	4.5	1.1	180.7	98.4	3.090	4.40	
1.4173	1.4173	-0.05	0.12	4.12	4.98	0.10	7.05	3.97	0.18	0.05				0.98	

PRODUCT FEATURES

Brand	TIMKEN
N° Ean13	3663952353913
Inside diameter	105 mm
Outside diameter	190 mm
Thickness	39 mm
Weight	4470 g
Dynamic load	325 kN
Static load	407 kN
Packaging	1
Standard	No standard

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