

Tapered roller bearing 32311-B-TIMKEN - 32311-B-TIMKEN

<https://www.123bearing.co.uk/bearing-housing/roller-bearing/tapered/32311-b-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⁾		Factor ⁽²⁾		Dynamic ⁽³⁾		Factor ⁽³⁾		Static C ₀	Assembly Inner/Outer
mm	mm	mm	C ₁	N	e	C ₀₂	N	N	K	N		
in	in	in	lb	kg		lb	kg	lb		lb		
55.000	120.000	45.500	22000	0.5	1.10	57900	54000	1.07	26600		32311-B	
2.1654	4.7244	1.7913	50100			13000	12100		64300			

Bearing Dimensions										Geometry Factors		Bearing Weight		
Shaft					Housing					Cage				
Width B	Width C	ER Dr. a ⁽⁴⁾	Max Shaft Fillet Radius R ⁽⁵⁾	Backing Shoulder Dia. d _s	Max Housing Fillet Radius r ⁽⁶⁾	Backing Shoulder Dia. D _s	D ₁	D ₂	A ₁ ⁽⁷⁾	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
43.000	35.000	4.6	2.5	66.0	62.0	2.0	116.0	107.0	4.5	3.8	19.8	24.6	0.0044	2.45
1.6929	1.3780	0.34	0.10	2.60	3.23	0.08	4.60	3.98	0.17	0.14				5.40

PRODUCT FEATURES

Brand	TIMKEN
N° Ean13	3663952334790
Inside diameter	55 mm
Outside diameter	120 mm
Thickness	45.5 mm
Packaging	1

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