


Tapered roller bearing EE450577-451212-TIMKEN - EE450577-451212-TIMKEN

<https://www.123bearing.ie/bearing-housing/roller-bearing/tapered/ee450577-451212-timken>

TAPERED ROLLER BEARINGS
SINGLE-ROW • TYPE TS

TYPE TS



Bearing Dimensions			Load Ratings						Part Number	
Bore d	O.D. D	Width B	Dynamic ⁽¹⁾ C ₁	Factor ⁽²⁾ e	Dynamic ⁽¹⁾ C ₂	Factor ⁽²⁾ e ₂	Static C ₃	Inner	Outer	
mm	mm	mm	N		N		N			
146.050	307.975	88.900	100000	0.33	273000	152000	140000	EE450577	451212	
5.1500	12.1250	3.5060	237000		61400	34300	320000			

Bearing Dimensions										Geometry Factors			Bearing Weight	
Shaft					Housing					Cage				
Width B	Width C	ER. Dr. α ⁽¹⁾	Max Shaft Fillet Radius R _{f1}	Backing Shoulder Dia. d ₁	Max Housing Fillet Radius r ⁽¹⁾	Backing Shoulder Dia. D ₁	D ₂	A ₁ ⁽¹⁾	A ₂ ⁽¹⁾	G ₁	G ₂	C ₁		
mm	mm	mm	mm	mm	mm	mm	mm	mm	mm				kg	
88.902	61.912	-28.2	0.7	172.0	185.6	6.9	274.8	269.0	17.8	-2.7	107.4	76.3	0.1176	29.38
3.9875	2.4375	-1.11	0.38	6.77	7.28	0.27	10.82	10.59	0.70	-0.10				84.75

PRODUCT FEATURES

Brand	TIMKEN
N° Ean13	3663952325859
Inside diameter	146.05 mm
Outside diameter	307.975 mm
Thickness	88.9 mm
Packaging	1

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