


Tapered roller bearing HM903249A-HM903216-TIMKEN - HM903249A-HM903216-TIMKEN

<https://www.123bearing.eu/bearing-housing/roller-bearing/tapered/hm903249a-hm903216-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			
44.450	98.425	30.958	136000	0.01	35400	48000	132000	HM903249A	HM903216	
1.7500	3.8750	1.2188	26700		7950	10100	26700			

Bearing Dimensions										Geometry Factors			Bearing Weight		
Shaft					Housing					Cage		G ₁		G ₂	C ₃
Width B	Width C	ER. Dr. α ⁽¹⁾	Max Shaft Fillet Radius R ⁽¹⁾	Backing Shoulder Dia. d ₁	Max Housing Fillet Radius r ⁽¹⁾	Backing Shoulder Dia. D ₁	A ₁ ⁽¹⁾	A ₂ ⁽¹⁾	mm	mm	mm		mm		
30.958	22.225	0.5	3.5	56.0	0.0	82.0	3.9	2.3	33.7	12.4	0.1010	1.08			
1.142	0.8750	0.02	0.14	2.13	0.02	3.82	0.23	0.15	0.09			2.37			

PRODUCT FEATURES

Brand	TIMKEN
N° Ean13	3663952314235
Inside diameter	44.45 mm
Outside diameter	98.425 mm
Thickness	30.958 mm
Packaging	1

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