


Tapered roller bearing HM903249A-HM903210-TIMKEN - HM903249A-HM903210-TIMKEN

<https://www.123bearing.co.uk/bearing-housing/roller-bearing/tapered/hm903249a-hm903210-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 ⁽³⁾ C ₂	Factor ⁽³⁾ C _{2e}	Static C ₀	Inner	Outer	
mm	mm	mm	N		N	N	N			
44.450	95.250	30.958	136000	0.01	35000	40000	132000	HM903249A	HM903210	
1.7500	3.7500	1.2188	26700		7900	10100	26700			

Bearing Dimensions										Geometry Factors			Bearing Weight	
Shaft					Housing					Cage		G ₁		G ₂
Width B	Width C	ER. Dr. α ⁽¹⁾	Max Shaft Fillet Radius R ₁ ⁽²⁾	Backing Shoulder Dia. d ₁ ⁽³⁾	Max Housing Fillet Radius r ⁽⁴⁾	Backing Shoulder Dia. D ₁ ⁽⁵⁾	Backing Shoulder Dia. D ₂ ⁽⁶⁾	A ₁ ⁽⁷⁾	A ₂ ⁽⁸⁾	mm	mm			
mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm			
30.958	22.225	0.5	3.5	54.0	0.8	91.0	81.8	3.9	2.3	33.7	12.4	0.1010	0.89	
1.1842	0.8750	0.02	0.14	2.13	0.03	3.58	3.19	0.15	0.09				2.19	

PRODUCT FEATURES

Brand	TIMKEN
N° Ean13	3663952314167
Inside diameter	44.45 mm
Outside diameter	95.25 mm
Thickness	30.958 mm
Packaging	1

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