


Tapered roller bearing H816249-H816210-TIMKEN - H816249-H816210-TIMKEN

<https://www.123bearing.com/bearing-housing/roller-bearing/tapered/h816249-h816210-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			
77.788	164.975	49.500	32900	0.51	81900	29700	49000	H816249	H816210	
0.025	0.4951	1.9488	78000		20500	17900	93000			

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 _s	Max Housing Fillet Radius r ₁	Backing Shoulder Dia. D _s	A ₁ ⁽²⁾	A ₂ ⁽²⁾	A ₃ ⁽²⁾	G ₁	G ₂	C ₃	kg	
mm	mm	mm	mm	mm	mm	mm	mm	mm	mm				kg	
49.500	36.290	-4.4	3.5	102.5	102.8	3.3	194.5	146.0	4.4	6.8	127.4	23.2	0.9909	4.63
1.9528	1.4272	-0.25	0.14	3.94	4.02	0.13	9.39	5.87	0.18	0.24			10.21	

PRODUCT FEATURES

Brand	TIMKEN
N° Ean13	3663952321943
Inside diameter	77.788 mm
Outside diameter	164.975 mm
Thickness	49.5 mm
Packaging	1

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