


Tapered roller bearing HM624749-HM624716-TIMKEN - HM624749-HM624716-TIMKEN

<https://www.123bearing.eu/bearing-housing/roller-bearing/tapered/hm624749-hm624716-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			
120.650	199.975	46.038	32900	1.41	82700	69500	1.27	543000	HM624749	HM624716
4.7500	7.8750	1.8125	81300		21100	15400		123000		

Bearing Dimensions										Housing			Cage		Geometry Factors			Bearing Weight
Width B	Width C	ER. Dr. α ⁽¹⁾	Max Shaft Fillet Radius R ⁽¹⁾	Backing Shoulder Dia. d _s	Max Housing Fillet Radius r ⁽¹⁾	Backing Shoulder Dia. D _s	D ₁	A ₁ ⁽¹⁾	A ₂ ⁽¹⁾	G ₁	G ₂	C ₁	kg					
mm	mm	mm	mm	mm	mm	mm	mm	mm	mm				kg					
46.038	94.925	-3.8	3.5	132.0	138.8	1.5	185.8	178.8	3.7	2.6	278.8	51.5	0.1178	5.40				
1.8125	1.3750	-0.15	0.14	5.20	5.43	0.06	7.28	7.01	0.14	0.11			11.90					

PRODUCT FEATURES

Brand	TIMKEN
N° Ean13	3663952324968
Inside diameter	120.65 mm
Outside diameter	199.975 mm
Thickness	46.038 mm
Packaging	1

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