

Tapered roller bearing HM237542-HM237510CD-TIMKEN - HM237542-HM237510CD-TIMKEN

<https://www.123bearing.co.uk/bearing-housing/roller-bearing/tapered/hm237542-hm237510cd-timken>

TAPERED ROLLER BEARINGS
DOUBLE-ROW • TYPE TDO

TYPE TDO

Bearing Dimensions				Load Ratings									
Bore d	O.D. D	Width T	Double Outer Ring Width C	Dynamic ⁽¹⁾		Static ⁽¹⁾		Dynamic ⁽²⁾			Factor ⁽³⁾		
mm	mm	mm	mm	C ₁₀	C	Y ₁	Y ₂	C ₉₀	C ₅₀	C ₁₀₀	K	K	
174.625	288.925	142.875	111.125	120000	382000	0.32	2.12	3.18	253000	138000	440000	1.63	
5.8750	11.3750	5.6250	4.2750					56000	31100	99100			

Part Number		Dimensions				Pin		Geometry Factors			Bearing Weight
Inner	Outer	Max. Shaft Fillet Radius R ₁	Backing Shoulder Dia. d ₁	Max. Housing Fillet Radius r ₁	Backing Shoulder Dia. D ₁	K ₁	K ₂	G ₁	G ₂	C ₁	kg
HM237542	HM237510CD	7.8	202.8	1.5	221.5	22.23	8.33	751.2	101.5	0.1188	33.13
		0.28	7.85	0.06	10.88	0.88	0.34				73.04

PRODUCT FEATURES

Brand	TIMKEN
N° Ean13	3663952360355
Inside diameter	174.625 mm
Outside diameter	288.925 mm
Thickness	142.875 mm
Packaging	1

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