

Tapered roller bearing HM259049-HM259010CD-TIMKEN - HM259049-HM259010CD-TIMKEN

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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 ⁽²⁾		Dynamic ⁽³⁾		Factor ⁽⁴⁾	
mm	mm	mm	mm	C ₁₀	N	C ₀	N	C ₉₀	N	C ₅₀	K
317.500	447.675	180.975	146.050	200000	30000	43000	24000	9700	5000	1.34	
12.500	17.620	7.126	5.700	80000	12000	17000	9700	5000	17000		

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	
HM259049	HM259010CD	3.5	341.8	1.5	427.7	28.38	11.81	2944.6	303.9	0.1863	86.01
		0.14	13.43	0.06	16.84	1.13	0.47				183.94

PRODUCT FEATURES

Brand	TIMKEN
N° Ean13	3663952363592
Inside diameter	317.5 mm
Outside diameter	447.675 mm
Thickness	180.975 mm
Packaging	1

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