


Tapered roller bearing L507945-L507910-TIMKEN - L507945-L507910-TIMKEN

<https://www.123bearing.com/bearing-housing/roller-bearing/tapered/L507945-L507910-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 ₀	Inner	Outer	
mm	mm	mm	N		N	N	N			
53.975	87.312	18.258	42700	0.33	16300	10800	1.50	9900	L507945	L507910
2.1250	3.4375	0.7188	14100		3850	2430		27500		

Bearing Dimensions										Geometry Factors			Bearing Weight	
Shaft		Housing		Cage					G ₁	G ₂	C ₃			
Width B	Width C	ER. Dr. a ⁽¹⁾	Max Shaft Fillet Radius R _S	Backing Shoulder Dia. d _s	Max Housing Fillet Radius r ⁽¹⁾	Backing Shoulder Dia. D _s	A ₁ ⁽¹⁾	A ₂ ⁽¹⁾				A ₃ ⁽¹⁾		
mm	mm	mm	mm	mm	mm	mm	mm	mm	mm					
18.258	14.288	-0.8	1.5	68.0	62.0	1.5	83.0	79.0	0.3	2.8	46.1	38.5	0.0014	0.43
0.7188	0.5625	-0.03	0.06	2.26	2.44	0.06	3.27	3.11	0.01	0.09				0.03

PRODUCT FEATURES

Brand	TIMKEN
N° Ean13	3663952316796
Inside diameter	53.975 mm
Outside diameter	87.312 mm
Thickness	18.258 mm
Weight	432 g
Packaging	1

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