


Tapered roller bearing LL205442-LL205410-TIMKEN - LL205442-LL205410-TIMKEN

<https://www.123bearing.com/bearing-housing/roller-bearing/tapered/ll205442-ll205410-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⁾ C _{2e}	Static C ₀	Inner	Outer	
mm	mm	mm	N		N	N	N			
46.037	77.788	12.700	37300	0.34	16600	9576	47200	LL205442	LL205410	
1.8125	3.0625	0.5000	8280		2180	1258	10600			

Bearing Dimensions										Geometry Factors			Bearing Weights	
Shaft		Housing		Cage					G ₁	G ₂	C ₃			
Width B	Width C	ER. Dr. r ⁽¹⁾	Max Shaft Fillet Radius R ⁽¹⁾	Backing Shoulder Dia. d ₁	Max Housing Fillet Radius r ⁽²⁾	Backing Shoulder Dia. D ₁	A ₁ ⁽³⁾	A ₂ ⁽³⁾						
12.700	9.525	8.8	1.5	52.8	54.8	1.5	24.9	21.8	8.2	1.7	24.2	29.1	0.9088	0.23
0.5000	0.3750	0.30	0.06	2.05	2.13	0.06	2.91	2.80	0.30	0.07				0.52

PRODUCT FEATURES

Brand	TIMKEN
N° Ean13	3663952314907
Inside diameter	46.037 mm
Inside diameter	1 13/16" inch
Outside diameter	77.788 mm
Outside diameter	3 1/16" inch
Thickness	12.7 mm
Thickness	1/2" inch
Packaging	1

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