


Tapered roller bearing 525X-522-TIMKEN - 525X-522-TIMKEN

<https://www.123bearing.eu/bearing-housing/roller-bearing/tapered/525x-522-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 ₀₂	Factor ⁽²⁾ K	Static C ₀	Inner	Outer	
mm	mm	mm	N		N		N			
38.130	101.600	34.925	165000	0.22	42700	20000	2.05	191000	525K 522	
1.500	4.000	1.375	23000		9600	6000		43000		

Bearing Dimensions										Geometry Factors			Bearing Weight
Shaft		Housing		Cage					G ₁	G ₂	C ₃		
Width B	Width C	ER. Dr. α ⁽¹⁾	Max Shaft Fillet Radius R _{f1}	Backing Shoulder Dia. d _s	Max Housing Fillet Radius r ⁽²⁾	Backing Shoulder Dia. D _s	A ₁ ⁽³⁾	A ₂ ⁽³⁾				mm	mm
36.088	26.500	-12.7	0.8	48.8	0.3	95.0	88.0	2.7	1.8	57.9	13.4	0.0084	1.49
1.420	1.0625	-0.50	0.03	1.89	1.93	0.13	3.74	3.50	0.10	0.07			2.29

PRODUCT FEATURES

Brand	TIMKEN
N° Ean13	3663952312262
Inside diameter	38.1 mm
Outside diameter	101.6 mm
Thickness	34.925 mm
Packaging	1

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