


Tapered roller bearing 529X-520X-TIMKEN - 529X-520X-TIMKEN

<https://www.123bearing.com/bearing-housing/roller-bearing/tapered/529x-520x-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				
52.000	100.000	34.925	100000	0.02	2.10	42700	20800	2.05	191000	520K	520X
2.032	3.9370	1.3750	20000		300	9600	4800		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 ₁	Backing Shoulder Dia. d ₁	Max Housing Fillet Radius r ⁽¹⁾	Backing Shoulder Dia. D ₁	A ₁ ⁽¹⁾	A ₂ ⁽¹⁾						
36.088	26.988	-12.7	3.5	58.0	85.0	3.3	94.0	88.0	2.7	1.8	17.9	13.4	0.9884	1.17
1.4200	1.0625	-0.50	0.14	2.28	3.38	0.13	3.70	3.48	0.10	0.07				2.59

PRODUCT FEATURES

Brand	TIMKEN
N° Ean13	3663952316123
Inside diameter	50.8 mm
Outside diameter	100 mm
Thickness	34.925 mm
Packaging	1

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