


Tapered roller bearing 528-520X-TIMKEN - 528-520X-TIMKEN

<https://www.123bearing.com/bearing-housing/roller-bearing/tapered/528-520x-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	Factor ⁽³⁾ Y	Dynamic ⁽¹⁾ C ₀₂	Factor ⁽²⁾ C ₀₂	Static C ₀	Inner	Outer	
mm	mm	mm	N			N	N	N			
47.625	100.000	34.925	100000	0.29	2.10	42700	20800	2.05	191000	528	520X
1.8750	3.9370	1.3750	33000			9800	4650		43000		

Bearing Dimensions										Geometry Factors			Bearing Weight	
Shaft					Housing					Cage				
Width B	Width C	ER. Dr. α ⁽¹⁾	Max Shaft Fillet Radius R ⁽²⁾	Backing Shoulder Dia. d ₄	Max Housing Fillet Radius r ⁽³⁾	Backing Shoulder Dia. D ₁	Backing Shoulder Dia. D ₂	A ₁ ⁽⁴⁾	A ₂ ⁽⁵⁾	G ₁	G ₂	C ₃		
mm	mm	mm	mm	mm	mm	mm	mm	mm	mm				kg	
36.088	26.988	-12.7	3.5	55.8	62.8	3.3	94.0	88.0	2.7	1.8	17.9	13.4	0.0864	1.24
1.4200	1.0625	-0.50	0.14	2.17	2.44	0.13	3.70	3.48	0.10	0.07				2.75

PRODUCT FEATURES

Brand	TIMKEN
N° Ean13	3663952315164
Inside diameter	47.625 mm
Outside diameter	100 mm
Thickness	34.925 mm
Packaging	1

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