


Tapered roller bearing EE542220-542290-TIMKEN - EE542220-542290-TIMKEN

<https://www.123bearing.com/bearing-housing/roller-bearing/tapered/ee542220-542290-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			
508.000	736.600	76.200	1400000	1.18	303000	290000	1.15	2040000	EE542220	542290
20.000	29.000	3.0000	215000		81000	71000		728000		

Bearing Dimensions										Geometry Factors			Bearing Weight	
Shaft					Housing					Cage				
Width B	Width C	ER. Dr. α ⁽¹⁾	Max Shaft Fillet Radius R _{f1}	Backing Shoulder Dia. d ₁	Max Housing Fillet Radius r ₁	Backing Shoulder Dia. D ₁	Backing Shoulder Dia. D ₂	A ₁ ⁽²⁾	A ₂ ⁽²⁾	G ₁	G ₂	C ₃		
mm	mm	mm	mm	mm	mm	mm	mm	mm	mm				kg	
76.200	10.800	64.8	0.4	585.0	554.0	0.4	705.1	690.0	16.0	1.6	0.727	0.253	0.2604	27.81
3.0000	2.0000	2.35	0.25	23.03	23.39	0.25	27.78	27.40	0.65	0.07				171.10

PRODUCT FEATURES

Brand	TIMKEN
N° Ean13	3663952330921
Inside diameter	558.8 mm
Inside diameter	22" inch
Outside diameter	736.6 mm
Outside diameter	29" inch
Thickness	76.2 mm
Thickness	3" inch
Packaging	1

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