


Tapered roller bearing 590-592XE-TIMKEN - 590-592XE-TIMKEN

<https://www.123bearing.com/bearing-housing/roller-bearing/tapered/590-592xe-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 ₃	Inner	Outer		
mm	mm	mm	N		N	N	N				
79.985	147.638	35.717	216000	0.64	136	90000	42000	1.32	219000	508	102KE
3.1490	5.8125	1.4062	48500			12650	5530		71600		

Bearing Dimensions										Geometry Factors			Bearing Weight	
Shaft		Housing		Cage					G ₁	G ₂	C ₃			
Width B	Width C	ER. Dr. a ⁽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⁾						
35.717	25.192	-3.5	3.5	91.8	98.8	0.8	142.8	136.8	4.1	1.3	151.4	36.3	0.1418	2.87
1.4200	1.0012	-0.10	0.14	3.58	3.89	0.03	5.59	5.31	0.16	0.07				5.89

PRODUCT FEATURES

Brand	TIMKEN
N° Ean13	3663952322087
Inside diameter	79.985 mm
Outside diameter	147.638 mm
Thickness	35.717 mm
Packaging	1

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