

# Tapered roller bearing EE280700D-281200-TIMKEN - EE280700D-281200-TIMKEN

<https://www.123bearing.com/bearing-housing/roller-bearing/tapered/ee280700d-281200-timken>

**TAPERED ROLLER BEARINGS**  
DOUBLE-ROW • TYPE TDI

**TYPE TDI**

Bearing Dimensions				Load Ratings									
Bore d	O.D. D	Width T	Double Inner Ring Width B	Dynamic <sup>(1)</sup> C <sub>10</sub>	Static <sup>(2)</sup> C <sub>0</sub>	Factor <sup>(3)</sup> Y <sub>1</sub>	Factor <sup>(3)</sup> Y <sub>2</sub>	Dynamic <sup>(4)</sup> C <sub>90</sub>	Dynamic <sup>(4)</sup> C <sub>50</sub>	Dynamic <sup>(4)</sup> C <sub>10</sub>	Factor <sup>(5)</sup> K		
mm	mm	mm	mm	N	N	N	N	N	N	N			
177.800	304.800	109.438	114.300	105000	15000	0.4	1.9	2.8	15000	9400	27000		
7.000	12.000	4.308	4.500	23020				25100	21700	61200	1.62		

  

Part Number		Dimensions				Geometry Factors			Bearing Weight
Inner	Outer	Max Shaft Fillet Radius BH	Backing Shoulder Dia. e <sub>1</sub>	Max Housing Fillet Radius r <sup>(6)</sup>	Backing Shoulder Dia. D <sub>1</sub>	G <sub>1</sub>	G <sub>2</sub>	C <sub>3</sub>	kg
mm	mm	mm	mm	mm	mm				lbm
EE280700D	281200	2.5	109.9	2.2	270.8	101.3	96.0	0.1175	25.88
		0.13	7.87	0.13	10.58				10.29

## PRODUCT FEATURES

Brand	TIMKEN
N° Ean13	3663952368887
Inside diameter	177.8 mm
Outside diameter	304.8 mm
Thickness	109.438 mm
Packaging	1

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