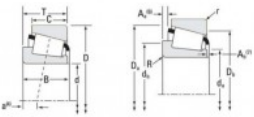


Tapered roller bearing 2559-2525-TIMKEN - 2559-2525-TIMKEN

<https://www.123bearing.ca/bearing-housing/roller-bearing/tapered/2559-2525-timken>

TYPE TS



Dimensions		Abutment and Fit Dimensions	
d - Bore	30.163 mm 1.1875 in	R - Case Backhoe "to Drive" Radius	0.762 mm 0.030 in
D - Cap Outer Diameter	72.022 mm 2.8355 in	r - Cap Backhoe "to Case" Radius ²	0.75 mm 0.030 in
B - Case Width	25.367 mm 0.9993 in	A_1 - Cap to Housing Backing Diameter	36.46 mm 1.434 in
C - Cap Width	19.050 mm 0.7500 in	A_2 - Cap to Case Backing Diameter	27.06 mm 1.068 in
T - Bearing Width	23.813 mm 0.9375 in	D_1 - Cap Frontface Backing Diameter	66.02 mm 2.601 in
Basic Load Ratings		D_2 - Cap Backface Backing Diameter	62.99 mm 2.48 in
C_{90} - Dynamic Radial Rating (90 million revolutions) ³	4850 lbf 21 780 N	Ab - Cage Case Frontface Clearance	5.5 mm 0.216 in
C_3 - Dynamic Radial Rating (3 million revolutions) ³	18462 lbf 82700 N	Aa - Cage Case Backface Clearance	0.5 mm 0.02 in
C_0 - Static Radial Rating	31300 lbf 14020 N	a - Effective Center Location ³	0.5 mm 0.02 in
F_{app} - Dynamic Thrust Rating (90 Million revolutions) ³	2280 lbf 10200 N		
Factors			
K - Factor ⁷	2.54		
a - ISO Factor ⁸	0.27		
V - ISO Factor ⁸	2.19		
C_1 - Heat Generation Factor (Steady Rotation)	23.6		
C_2 - Heat Generation Factor (300 Revs/Min)	8.6		
C_3 - Geometry Factor	0.0676		

PRODUCT FEATURES

Brand	TIMKEN
N° Ean13	3616060668097
Inside diameter	30.163 mm
Outside diameter	72.022 mm
Thickness	23.813 mm
Packaging	1

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