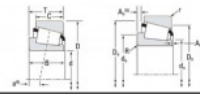


Tapered roller bearing

L435049-L435010-TIMKEN - L435049-L435010-TIMKEN

<https://www.123bearing.com/bearing-housing/roller-bearing/tapered/l435049-l435010-timken>



Specifications		Dimensions	
Series	L435000	d - Bore	171.450 mm 6.7500 in
Cone Part Number	L435049	D - Cup Outer Diameter	222.250 mm 8.7500 in
Cup Part Number	L435010	B - Cone Width	24.408 mm 0.9608 in
Design Units	Imperial	C - Cup Width	19.050 mm 0.7500 in
Bearing Weight	2.3 Kg 5.1 lb	T - Bearing Width	25.400 mm 1.0000 in
Cage Type	Stamped Steel		

Abutment and Fit Dimensions		Basic Load Ratings	
R - Cone Backface "to Clear" Radius ¹	1.520 mm 0.06 in	C0 - Dynamic Radial Rating (90 million revolutions) ⁴	9720 lbf 43200 N
r - Cup Backface "to Clear" Radius ²	1.52 mm 0.06 in	C1 - Dynamic Radial Rating (1 million revolutions) ⁴	37900 lbf 167000 N
Ra - Cone Frontface Backing Diameter	1.1875 in 30.16 mm	C0 - Static Radial Rating	49000 lbf 215000 N
Rb - Cone Backface Backing Diameter	21.17 mm 0.83 in	Cup - Dynamic Thrust Rating (90 million revolutions) ⁴	4250 lbf 27000 N
Rc - Cup Frontface Backing Diameter	21.17 mm 0.83 in		
Rd - Cup Backface Backing Diameter	21.17 mm 0.83 in		
Ab - Cage-Cone Frontface Clearance	2 mm 0.08 in	Factors	
As - Cage-Cone Backface Clearance	0 mm 0 in	K - Factor ⁷	1.55
e - Effective Center Location ³	10.7 mm 0.42 in	e - ISO Factor ⁸	0.38
		Y - ISO Factor ⁸	1.6
		G1 - Heat Generation Factor (Roller Raceway)	342
		G2 - Heat Generation Factor (RB-Roller End)	179
		Cg - Geometry Factor	0.176

PRODUCT FEATURES

Brand	TIMKEN
N° Ean13	3616060652911
Inside diameter	171.45 mm
Outside diameter	222.25 mm
Thickness	25.4 mm
Weight	2300 g
Packaging	1

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