

Timken HH224349/HH224310 tapered roller bearings

Request A 14138A Cone Part Number Quote For 14000 Series Your Special Timken HH224349/HH224310 tapered roller bearings Needs Today! Free Quotes. ISO 9001 certified.

Series	14000
Cone Part Number	14138A
Cup Part Number	14283
Design Units	Imperial
Bearing Weight	0.4 Kg
Cage Type	Stamped Steel
d	34.925 mm
D	72.085 mm
B – Cone Width	19.583 mm
C – Cup Width	18.415 mm
B	22.385 mm
R – Cone Backface To Clear Radius ¹	3.560 mm
r – Cup Backface To Clear Radius ²	2.29 mm
da – Cone Frontface Backing Diameter	40.89 mm
db – Cone Backface Backing Diameter	46.99 mm
Da – Cup Frontface Backing Diameter	66.00 mm
Db – Cup Backface Backing Diameter	59.94 mm
Ab – Cage-Cone Frontface Clearance	1.8 mm
Aa – Cage-Cone Backface Clearance	0.5 mm
a – Effective Center Location ³	-4.3 mm
C90 – Dynamic Radial Rating (90 million revolutions) ⁴	3180 lbf

C1 – Dynamic Radial Rating (1 million revolutions) ⁵	12300 lbf
C0 – Static Radial Rating	13900 lbf
Ca90 – Dynamic Thrust Rating (90 million revolutions) ⁶	2080 lbf
K – Factor ⁷	1.53
e – ISO Factor ⁸	0.38
Y – ISO Factor ⁹	1.57
G1 – Heat Generation Factor (Roller-Raceway)	18
G2 – Heat Generation Factor (Rib-Roller End)	13.3
Cg – Geometry Factor	0.0668