

Timken 9103PP deep groove ball bearings

Timken 9103PP deep groove ball bearings manufacturer and global supplier of reliable ball and roller ... Timken 9103PP deep groove ball bearings Industries Products Manufacturing & Engineering and Agricultural Bearings designed to meet the 14000 Series unique 14124 Cone Part Number requirements of our targeted industries.

Series	14000
Cone Part Number	14124
Cup Part Number	14283
Design Units	Imperial
Bearing Weight	0.4 Kg
Cage Type	Stamped Steel
d	31.750 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	0.760 mm
r – Cup Backface To Clear Radius ²	2.29 mm
da – Cone Frontface Backing Diameter	38.61 mm
db – Cone Backface Backing Diameter	39.12 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