

# IKO BHA 1010 Z needle roller bearings

Various 14000 Series types and sizes to accommodate your IKO BHA 1010 Z needle roller bearings 14274 Cup Part Number requirements.

Series	14000
Cone Part Number	14126D
Cup Part Number	14274
Design Units	Imperial
Bearing Weight	1.5 lb
Cage Type	Stamped Steel
Aa – Cage-Cone Backface Clearance	0 in
d	1.2500 in
D	2.7170 in
B – Double Cone Width	1.5426 in
C – Cup Width	0.6250 in
T – Bearing Width across Cups	1.5632 in
R – Cone Frontface To Clear Radius <sup>1</sup>	0.060 in
r – Cup Backface To Clear Radius <sup>2</sup>	0.130 in
da – Cone Frontface Backing Diameter	1.57 in
Db – Cup Backface Backing Diameter	2.32 in
Ab – Cage-Cone Frontface Clearance	0.07 in
C90 – Dynamic Radial Rating (One-Row, 90 million revolutions) <sup>3</sup>	3180 lbf
C1 – Dynamic Radial Rating (Two-Row, 1 million revolutions) <sup>4</sup>	21400 lbf
C90(2) – Dynamic Radial Rating (Two-Row, 90 million revolutions) <sup>5</sup>	5540 lbf

Ca90 – Dynamic Thrust Rating (90 million revolutions) <sup>6</sup>	2080 lbf
K – Factor <sup>7</sup>	1.53
e – ISO Factor <sup>8</sup>	0.38
Y1 – ISO Factor <sup>9</sup>	1.77
Y2 – ISO Factor <sup>10</sup>	2.63
G1 – Heat Generation Factor (Roller-Raceway) <sup>11</sup>	18
G2 – Heat Generation Factor (Rib-Roller End)	9.4
Cg – Geometry Factor <sup>12</sup>	0.0668