

# Timken MJ-14121 needle roller bearings

QuestionTimken MJ-14121 needle roller bearings ? Find 575 Series what you need faster 575-S Cone Part Number by entering your information .

Series	575
Cone Part Number	575-S
Cup Part Number	572D
Design Units	Imperial
Bearing Weight	11.08 lb
Cage Type	Stamped Steel
Ab – Cage-Cone Frontface Clearance	0.1 in
d	3 in
D	5.5115 in
B – Cone Width	1.4212 in
C – Double Cup Width	2.6250 in
T – Bearing Width across Cones	3.2500 in
R – Cone Backface To Clear Radius <sup>1</sup>	0.270 in
r – Cup Frontface To Clear Radius <sup>2</sup>	0.03 in
db – Cone Backface Backing Diameter	3.9 in
Da – Cup Frontface Backing Diameter	5.25 in
Aa – Cage-Cone Backface Clearance	0.12 in
C90 – Dynamic Radial Rating (One-Row, 90 million revolutions) <sup>3</sup>	12100 lbf
C1 – Dynamic Radial Rating (Two-Row, 1 million revolutions) <sup>4</sup>	80900 lbf
C90(2) – Dynamic Radial Rating (Two-Row, 90 million revolutions) <sup>5</sup>	21000 lbf

Ca90 – Dynamic Thrust Rating (90 million revolutions) <sup>6</sup>	8330 lbf
K – Factor <sup>7</sup>	1.45
e – ISO Factor <sup>8</sup>	0.4
Y1 – ISO Factor <sup>9</sup>	1.67
Y2 – ISO Factor <sup>10</sup>	2.49
G1 – Heat Generation Factor (Roller-Raceway) <sup>11</sup>	126
G2 – Heat Generation Factor (Rib-Roller End)	32
Cg – Geometry Factor <sup>12</sup>	0.13