

# NTN 4R6202 cylindrical roller bearings

Various 24700 Series types and 24780 Cone Part Number sizes to accommodate your NTN 4R6202 cylindrical roller bearings requirements. 24720XD Cup Part Number

Series	24700
Cone Part Number	24780
Cup Part Number	24720XD
Design Units	Imperial
Bearing Weight	2 lb
Cage Type	Stamped Steel
Ab – Cage-Cone Frontface Clearance	0.07 in
d	1.6250 in
D	3 in
B – Cone Width	0.9063 in
C – Double Cup Width	1.5625 in
T – Bearing Width across Cones	1.9374 in
R – Cone Backface To Clear Radius <sup>1</sup>	0.14 in
r – Cup Frontface To Clear Radius <sup>2</sup>	0.03 in
db – Cone Backface Backing Diameter	2.13 in
Da – Cup Frontface Backing Diameter	2.87 in
Aa – Cage-Cone Backface Clearance	0.03 in
C90 – Dynamic Radial Rating (One-Row, 90 million revolutions) <sup>3</sup>	4400 lbf
C1 – Dynamic Radial Rating (Two-Row, 1 million revolutions) <sup>4</sup>	29600 lbf
C90(2) – Dynamic Radial Rating (Two-Row, 90 million revolutions) <sup>5</sup>	7670 lbf

Ca90 – Dynamic Thrust Rating (90 million revolutions) <sup>6</sup>	2960 lbf
K – Factor <sup>7</sup>	1.49
e – ISO Factor <sup>8</sup>	0.39
Y1 – ISO Factor <sup>9</sup>	1.72
Y2 – ISO Factor <sup>10</sup>	2.56
G1 – Heat Generation Factor (Roller-Raceway) <sup>11</sup>	26.4
G2 – Heat Generation Factor (Rib-Roller End)	12.5
Cg – Geometry Factor <sup>12</sup>	0.0767