

# SKF NKI 12/20 cylindrical roller bearings

SKF NKI 12/20 cylindrical roller bearings manufacturer and global supplier of reliable ball and roller ... SKF NKI 12/20 cylindrical roller bearings Industries Products 55452D Cup Part Number Manufacturing & Engineering and Agricultural Bearings designed to meet the unique 55000 Series requirements of our targeted industries.

Series	55000
Cone Part Number	55196
Cup Part Number	55452D
Design Units	Imperial
Bearing Weight	5.95 lb
Cage Type	Stamped Steel
Ab – Cage-Cone Frontface Clearance	0.16 in
d	1.9675 in
D	4.5268 in
B – Cone Width	1.0594 in
C – Double Cup Width	1.7500 in
T – Bearing Width across Cones	2.5623 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	2.8 in
Da – Cup Frontface Backing Diameter	4.18 in
Aa – Cage-Cone Backface Clearance	0.16 in
C90 – Dynamic Radial Rating (One-Row, 90 million revolutions) <sup>3</sup>	7350 lbf

C1 – Dynamic Radial Rating (Two-Row, 1 million revolutions) <sup>4</sup>	49400 lbf
C90(2) – Dynamic Radial Rating (Two-Row, 90 million revolutions) <sup>5</sup>	12800 lbf
Ca90 – Dynamic Thrust Rating (90 million revolutions) <sup>6</sup>	11100 lbf
K – Factor <sup>7</sup>	0.66
e – ISO Factor <sup>8</sup>	0.88
Y1 – ISO Factor <sup>9</sup>	0.76
Y2 – ISO Factor <sup>10</sup>	1.14
G1 – Heat Generation Factor (Roller-Raceway) <sup>11</sup>	36.8
G2 – Heat Generation Factor (Rib-Roller End)	13.2
Cg – Geometry Factor <sup>12</sup>	0.109