

# KOYO NU218R cylindrical roller bearings

What is KOYO NU218R cylindrical roller bearings in mechanical engineering? Manufacturing Service . Upload your CAD file for an instant. 78000C Series 78214C Cone Part Number

Series	78000C
Cone Part Number	78214C
Cup Part Number	78549D
Design Units	Imperial
Bearing Weight	12.34 lb
Cage Type	Stamped Steel
Ab – Cage-Cone Frontface Clearance	0.21 in
d	2.1250 in
D	5.5000 in
B – Cone Width	1.3085 in
C – Double Cup Width	2.0395 in
T – Bearing Width across Cones	3.0625 in
R – Cone Backface To Clear Radius1	0.03 in
r – Cup Frontface To Clear Radius2	0.06 in
db – Cone Backface Backing Diameter	3.11 in
Da – Cup Frontface Backing Diameter	5.19 in
Aa – Cage-Cone Backface Clearance	0.22 in
C90 – Dynamic Radial Rating (One-Row, 90 million revolutions)3	13800 lbf
C1 – Dynamic Radial Rating (Two-Row, 1 million revolutions)4	92600 lbf
C90(2) – Dynamic Radial Rating (Two-Row, 90 million revolutions)5	24000 lbf

Ca90 – Dynamic Thrust Rating (90 million revolutions) <sup>6</sup>	20400 lbf
K – Factor <sup>7</sup>	0.67
e – ISO Factor <sup>8</sup>	0.87
Y1 – ISO Factor <sup>9</sup>	0.78
Y2 – ISO Factor <sup>10</sup>	1.16
Cg – Geometry Factor <sup>11</sup>	0.0926