

# CYSD NU224E cylindrical roller bearings

CYSD NU224E cylindrical roller bearings manufacturer and global supplier of reliable ball and roller ... CYSD NU224E cylindrical roller bearings 55196 Cone Part Number Industries Products Manufacturing & Engineering and Agricultural 55000 Series Bearings designed to meet the unique requirements of our targeted industries.

Series	55000
Cone Part Number	55196
Cup Part Number	55444D
Design Units	Imperial
Bearing Weight	6.04 lb
Cage Type	Stamped Steel
Ab – Cage-Cone Frontface Clearance	0.16 in
d	1.9675 in
D	4.4375 in
B – Cone Width	1.0594 in
C – Double Cup Width	1.8125 in
T – Bearing Width across Cones	2.5624 in
R – Cone Backface To Clear Radius <sup>1</sup>	0.14 in
r – Cup Frontface To Clear Radius <sup>2</sup>	0.06 in
db – Cone Backface Backing Diameter	2.8 in
Da – Cup Frontface Backing Diameter	4.15 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