

# Timken 220RU91 cylindrical roller bearings

With over 10170 full-service stores, our Timken 220RU91 cylindrical roller bearings inventory is extensive HM227500 Series and our parts are priced right. within 24 hours. This helps you maximize your productivity by saving time and your hard-earned dollars.

Series	HM227500
Cone Part Number	HM227545
Design Units	Imperial
Cage Type	Stamped Steel
C1 – Dynamic Radial Rating (Two-Row, 1 million revolutions) <sup>1</sup>	179000 lbf
C90(2) – Dynamic Radial Rating (Two-Row, 90 million revolutions) <sup>2</sup>	46500 lbf
d	5.1168 in
B – Cone Width	2.3750 in
R – Cone Backface To Clear Radius <sup>3</sup>	0.13 in
da – Cone Frontface Backing Diameter	5.63 in
db – Cone Backface Backing Diameter	5.79 in
Ab – Cage-Cone Frontface Clearance	0.04 in
Aa – Cage-Cone Backface Clearance	0.15 in
a – Effective Center Location <sup>4</sup>	-0.54 in
C90 – Dynamic Radial Rating (90 million revolutions) <sup>5</sup>	26700 lbf
C1 – Dynamic Radial Rating (1 million revolutions) <sup>6</sup>	103000 lbf
C0 – Static Radial Rating	164000 lbf

Ca90 – Dynamic Thrust Rating (90 million revolutions) <sup>7</sup>	14600 lbf
K – Factor <sup>8</sup>	1.83
G1 – Heat Generation Factor (Roller-Raceway)	397.7
G2 – Heat Generation Factor (Rib-Roller End)	51.7
Cg – Geometry Factor	0.120