

# KOYO UCFCX07E bearing units

KOYO UCFCX07E bearing units Needs Analysis HH221442 Cone Part Number , Manufacturing Service . HH221400 Series Get Your Free.

Series	HH221400
Cone Part Number	HH221442
Design Units	Imperial
Cage Type	Stamped Steel
C1 – Dynamic Radial Rating (Two-Row, 1 million revolutions) <sup>1</sup>	209000 lbf
C90(2) – Dynamic Radial Rating (Two-Row, 90 million revolutions) <sup>2</sup>	54200 lbf
d	3.8750 in
B – Cone Width	2.2650 in
R – Cone Backface To Clear Radius <sup>3</sup>	0.14 in
da – Cone Frontface Backing Diameter	4.45 in
db – Cone Backface Backing Diameter	4.69 in
Ab – Cage-Cone Frontface Clearance	0.16 in
Aa – Cage-Cone Backface Clearance	0.08 in
a – Effective Center Location <sup>4</sup>	-0.59 in
C90 – Dynamic Radial Rating (90 million revolutions) <sup>5</sup>	31100 lbf
C1 – Dynamic Radial Rating (1 million revolutions) <sup>6</sup>	120000 lbf
C0 – Static Radial Rating	156000 lbf
Ca90 – Dynamic Thrust Rating (90 million revolutions) <sup>7</sup>	17800 lbf
K – Factor <sup>8</sup>	1.74

G1 – Heat Generation Factor (Roller-Raceway)	265.6
G2 – Heat Generation Factor (Rib-Roller End)	28.4
Cg – Geometry Factor	0.107