

# FYH UCFX09E bearing units

FYH UCFX09E bearing units, Units and Housings CAD models , M244210XX Cup Part Number M244249 Cone Part Number Manufacturing Service . Get Your Free. M244200 Series

Series	M244200
Cone Part Number	M244249
Cup Part Number	M244210XX
Design Units	Imperial
Bearing Weight	14.50 Kg
Cage Type	Stamped Steel
d	220.663 mm
D	314.325 mm
B – Cone Width	61.913 mm
C – Cup Width	49.213 mm
B	61.913 mm
R – Cone Backface To Clear Radius <sup>1</sup>	6.35 mm
r – Cup Backface To Clear Radius <sup>2</sup>	3.30 mm
da – Cone Frontface Backing Diameter	234.95 mm
db – Cone Backface Backing Diameter	245.11 mm
Da – Cup Frontface Backing Diameter	300.00 mm
Db – Cup Backface Backing Diameter	293.12 mm
Ab – Cage-Cone Frontface Clearance	3.6 mm
Aa – Cage-Cone Backface Clearance	4.3 mm
a – Effective Center Location <sup>3</sup>	-4.6 mm
C90 – Dynamic Radial Rating (90 million revolutions) <sup>4</sup>	40500 lbf
C1 – Dynamic Radial Rating (1 million revolutions) <sup>5</sup>	156000 lbf

C0 – Static Radial Rating	308000 lbf
Ca90 – Dynamic Thrust Rating (90 million revolutions) <sup>6</sup>	23100 lbf
K – Factor <sup>7</sup>	1.76
e – ISO Factor <sup>8</sup>	0.33
Y – ISO Factor <sup>9</sup>	1.8
G1 – Heat Generation Factor (Roller-Raceway)	1149.7
G2 – Heat Generation Factor (Rib-Roller End)	141.4
Cg – Geometry Factor	0.136