

# Toyana 231/850 KCW33 spherical roller bearings

Offer High HM237500 Series Quality Brand Toyana 231/850 KCW33 spherical roller bearings .Contact Us Online to Get Best Quote.

Series	HM237500
Cone Part Number	HM237545
Cup Part Number	HM237513
Design Units	Imperial
Bearing Weight	15.400 Kg
Cage Type	Stamped Steel
d	177.800 mm
D	289.974 mm
B – Cone Width	63.5 mm
C – Cup Width	48.001 mm
B	63.503 mm
R – Cone Backface To Clear Radius <sup>1</sup>	7.110 mm
r – Cup Backface To Clear Radius <sup>2</sup>	3.05 mm
da – Cone Frontface Backing Diameter	194.06 mm
db – Cone Backface Backing Diameter	204.98 mm
Da – Cup Frontface Backing Diameter	272.00 mm
Db – Cup Backface Backing Diameter	266.95 mm
Ab – Cage-Cone Frontface Clearance	5.1 mm
Aa – Cage-Cone Backface Clearance	5.1 mm
a – Effective Center Location <sup>3</sup>	-11.7 mm
C90 – Dynamic Radial Rating (90 million revolutions) <sup>4</sup>	56900 lbf

C1 – Dynamic Radial Rating (1 million revolutions) <sup>5</sup>	219000 lbf
C0 – Static Radial Rating	278000 lbf
Ca90 – Dynamic Thrust Rating (90 million revolutions) <sup>6</sup>	31100 lbf
K – Factor <sup>7</sup>	1.83
e – ISO Factor <sup>8</sup>	0.32
Y – ISO Factor <sup>9</sup>	1.88
G1 – Heat Generation Factor (Roller-Raceway)	751.2
G2 – Heat Generation Factor (Rib-Roller End)	101.5
Cg – Geometry Factor	0.117