

# ISO 71816 C angular contact ball bearings

High Quality ISO 71816 C angular contact ball bearings. Competitive Pricing. Accept Small Order. Easy and Fast HM265000 Series Shipping.

Series	HM265000
Cone Part Number	HM265049
Cup Part Number	HM265010
Design Units	Imperial
Bearing Weight	69.200 Kg
Cage Type	Pin-Type
d	368.249 mm
D	523.875 mm
B – Cone Width	101.600 mm
C – Cup Width	79.375 mm
B	101.600 mm
R – Cone Backface To Clear Radius <sup>1</sup>	6.35 mm
r – Cup Backface To Clear Radius <sup>2</sup>	6.35 mm
da – Cone Frontface Backing Diameter	393.95 mm
db – Cone Backface Backing Diameter	400.05 mm
Da – Cup Frontface Backing Diameter	499.10 mm
Db – Cup Backface Backing Diameter	486.92 mm
Ab – Cage-Cone Frontface Clearance	6.9 mm
Aa – Cage-Cone Backface Clearance	7.6 mm
a – Effective Center Location <sup>3</sup>	-8.4 mm
C90 – Dynamic Radial Rating (90 million revolutions) <sup>4</sup>	132000 lbf

C1 – Dynamic Radial Rating (1 million revolutions) <sup>5</sup>	511000 lbf
C0 – Static Radial Rating	977000 lbf
Ca90 – Dynamic Thrust Rating (90 million revolutions) <sup>6</sup>	75400 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)	4300
G2 – Heat Generation Factor (Rib-Roller End)	372
Cg – Geometry Factor	0.211