

# Toyana 230/900 CW33 spherical roller bearings

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Series	HM262700
Cone Part Number	HM262749V
Cup Part Number	HM262710
Design Units	Imperial
Bearing Weight	55.80 Kg
Cage Type	Pin-Type
d	346.075 mm
D	488.950 mm
B – Cone Width	95.250 mm
C – Cup Width	74.613 mm
B	95.253 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	367.03 mm
db – Cone Backface Backing Diameter	376.94 mm
Da – Cup Frontface Backing Diameter	467.36 mm
Db – Cup Backface Backing Diameter	455.93 mm
Ab – Cage-Cone Frontface Clearance	5.1 mm
Aa – Cage-Cone Backface Clearance	6.6 mm
a – Effective Center Location <sup>3</sup>	-6.4 mm
C90 – Dynamic Radial Rating (90 million revolutions) <sup>4</sup>	116000 lbf

C1 – Dynamic Radial Rating (1 million revolutions) <sup>5</sup>	446000 lbf
C0 – Static Radial Rating	845000 lbf
Ca90 – Dynamic Thrust Rating (90 million revolutions) <sup>6</sup>	66200 lbf
K – Factor <sup>7</sup>	1.74
e – ISO Factor <sup>8</sup>	0.33
Y – ISO Factor <sup>9</sup>	1.79
G1 – Heat Generation Factor (Roller-Raceway)	3646.2
G2 – Heat Generation Factor (Rib-Roller End)	341.8
Cg – Geometry Factor	0.2