

# ISO 7236 BDB angular contact ball bearings

ISO 7236 BDB angular contact ball bearings LM451349 Cone Part Number Manufacturers , Online Wholesale Suppliers ☐ LM451300 Series ! LM451310-B Cup Part Number

Series	LM451300
Cone Part Number	LM451349
Cup Part Number	LM451310-B
Design Units	Imperial
Bearing Weight	34.6 lb
Cage Type	Stamped Steel
d	10.5 in
D	14 in
D1 – Flange Outer Diameter	14.3750 in
B – Cone Width	2.2500 in
C – Cup Width	1.7500 in
C1 – Cup Flange Width	0.3750 in
T1 – Bearing Width	2.250 in
T – Bearing Width to Flange	0.8750 in
R – Cone Backface To Clear Radius <sup>1</sup>	0.14 in
r – Cup Backface To Clear Radius <sup>2</sup>	0.130 in
da – Cone Frontface Backing Diameter	11.06 in
db – Cone Backface Backing Diameter	11.22 in
Da – Cup Frontface Backing Diameter	13.58 in
Ab – Cage-Cone Frontface Clearance	0.18 in
Aa – Cage-Cone Backface Clearance	0.19 in
a – Effective Center Location <sup>3</sup>	0.2 in

C90 – Dynamic Radial Rating (90 million revolutions) <sup>4</sup>	43300 lbf
C1 – Dynamic Radial Rating (1 million revolutions) <sup>5</sup>	167000 lbf
C0 – Static Radial Rating	339000 lbf
Ca90 – Dynamic Thrust Rating (90 million revolutions) <sup>6</sup>	26700 lbf
K – Factor <sup>7</sup>	1.62
e – ISO Factor <sup>8</sup>	0.36
Y – ISO Factor <sup>9</sup>	1.67
G1 – Heat Generation Factor (Roller-Raceway) <sup>10</sup>	1550
G2 – Heat Generation Factor (Rib-Roller End)	212
Cg – Geometry Factor <sup>11</sup>	0.154