

# Timken 510068 angular contact ball bearings

What are the dimensions of a Timken 510068 angular contact ball bearings? 71450D Cone Part Number Manufacturing Service . Get Your 71000 Series Free, 71750 Cup Part Number Instant Quote

Series	71000
Cone Part Number	71450D
Cup Part Number	71750
Design Units	Imperial
Bearing Weight	23.400 lb
Cage Type	Stamped Steel
Aa – Cage-Cone Backface Clearance	0 in
d	4.5000 in
D	7.5 in
B – Double Cone Width	4.0000 in
C – Cup Width	1.3750 in
T – Bearing Width across Cups	3.8749 in
R – Cone Frontface To Clear Radius <sup>1</sup>	0.060 in
r – Cup Backface To Clear Radius <sup>2</sup>	0.130 in
da – Cone Frontface Backing Diameter	5.04 in
Db – Cup Backface Backing Diameter	6.73 in
Ab – Cage-Cone Frontface Clearance	0.1 in
C90 – Dynamic Radial Rating (One-Row, 90 million revolutions) <sup>3</sup>	21200 lbf
C1 – Dynamic Radial Rating (Two-Row, 1 million revolutions) <sup>4</sup>	142000 lbf

C90(2) – Dynamic Radial Rating (Two-Row, 90 million revolutions) <sup>5</sup>	36900 lbf
Ca90 – Dynamic Thrust Rating (90 million revolutions) <sup>6</sup>	15100 lbf
K – Factor <sup>7</sup>	1.4
e – ISO Factor <sup>8</sup>	0.42
Y1 – ISO Factor <sup>9</sup>	1.62
Y2 – ISO Factor <sup>10</sup>	2.42
G1 – Heat Generation Factor (Roller-Raceway) <sup>11</sup>	269
G2 – Heat Generation Factor (Rib-Roller End)	49.5
Cg – Geometry Factor <sup>12</sup>	0.116