

# SKF 7020 ACE/HCP4AL1 angular contact ball bearings

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Series	230000
Cone Part Number	EE231475D
Cup Part Number	231975
Design Units	Imperial
Bearing Weight	137.10 lb
Cage Type	Stamped Steel
Aa – Cage-Cone Backface Clearance	0 in
d	14.7500 in
D	19.7500 in
B – Double Cone Width	4.6250 in
C – Cup Width	2.0000 in
T – Bearing Width across Cups	4.9999 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	15.47 in
Db – Cup Backface Backing Diameter	18.58 in
Ab – Cage-Cone Frontface Clearance	0.17 in
C90 – Dynamic Radial Rating (One-Row, 90 million revolutions) <sup>3</sup>	61300 lbf
C1 – Dynamic Radial Rating (Two-Row, 1 million revolutions) <sup>4</sup>	412000 lbf
C90(2) – Dynamic Radial Rating (Two-Row, 90 million revolutions) <sup>5</sup>	107000 lbf

Ca90 – Dynamic Thrust Rating (90 million revolutions) <sup>6</sup>	46200 lbf
K – Factor <sup>7</sup>	1.33
e – ISO Factor <sup>8</sup>	0.44
Y1 – ISO Factor <sup>9</sup>	1.53
Y2 – ISO Factor <sup>10</sup>	2.28
Cg – Geometry Factor <sup>11</sup>	0.187