

# SKF 21307 CCK + H 307 tapered roller bearings

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Series	HM959700
Cone Part Number	HM959739DW
Cup Part Number	HM959710
Design Units	Imperial
Bearing Weight	298.20 lb
Cage Type	Stamped Steel
Aa – Cage-Cone Backface Clearance	0 in
d	12.0092 in
D	19.6830 in
B – Double Cone Width	7.8750 in
C – Cup Width	2.5000 in
T – Bearing Width across Cups	7.1249 in
R – Cone Frontface To Clear Radius <sup>1</sup>	0.250 in
r – Cup Backface To Clear Radius <sup>2</sup>	0.250 in
da – Cone Frontface Backing Diameter	13.62 in
Db – Cup Backface Backing Diameter	17.40 in
Ab – Cage-Cone Frontface Clearance	-0.46 in
C90 – Dynamic Radial Rating (One-Row, 90 million revolutions) <sup>3</sup>	79200 lbf
C1 – Dynamic Radial Rating (Two-Row, 1 million revolutions) <sup>4</sup>	532000 lbf
C90(2) – Dynamic Radial Rating (Two-Row, 90 million revolutions) <sup>5</sup>	138000 lbf

Ca90 – Dynamic Thrust Rating (90 million revolutions) <sup>6</sup>	117000 lbf
K – Factor <sup>7</sup>	0.67
e – ISO Factor <sup>8</sup>	0.87
Y1 – ISO Factor <sup>9</sup>	0.78
Y2 – ISO Factor <sup>10</sup>	1.16
Cg – Geometry Factor <sup>11</sup>	0.221