

# FAG HSS71907-E-T-P4S angular contact ball bearings

FAG HSS71907-E-T-P4S angular contact ball bearings Engineering Calculator Stamped Steel Cage Type , L44645 Cone Part Number Manufacturing Service . Get Your Free.

Cone Part Number	L44645
Design Units	Imperial
Cage Type	Stamped Steel
C1 – Dynamic Radial Rating (Two-Row, 1 million revolutions) <sup>1</sup>	13900 lbf
C90(2) – Dynamic Radial Rating (Two-Row, 90 million revolutions) <sup>2</sup>	3610 lbf
d	1.0231 in
B – Cone Width	0.5800 in
R – Cone Backface To Clear Radius <sup>3</sup>	0.14 in
da – Cone Frontface Backing Diameter	1.18 in
db – Cone Backface Backing Diameter	1.44 in
Ab – Cage-Cone Frontface Clearance	0.05 in
Aa – Cage-Cone Backface Clearance	0.02 in
a – Effective Center Location <sup>4</sup>	-0.13 in
C90 – Dynamic Radial Rating (90 million revolutions) <sup>5</sup>	2080 lbf
C1 – Dynamic Radial Rating (1 million revolutions) <sup>6</sup>	8010 lbf
C0 – Static Radial Rating	7400 lbf
Ca90 – Dynamic Thrust Rating (90 million revolutions) <sup>7</sup>	1330 lbf
K – Factor <sup>8</sup>	1.56

G1 – Heat Generation Factor (Roller-Raceway)	8.9
G2 – Heat Generation Factor (Rib-Roller End)	8.93
Cg – Geometry Factor	0.0526