

# SKF BT1-8010/HA4 tapered roller bearings

The online SKF BT1-8010/HA4 tapered roller bearings parts store gives you immediate access to a 94113-B Cup Part Number selection of more than 1.4 million new, used, remanufactured. 94000 Series

Series	94000
Cone Part Number	94687
Cup Part Number	94113-B
Design Units	Imperial
Bearing Weight	36.1 lb
Cage Type	Stamped Steel
d	6.8750 in
D	11.3750 in
D1 – Flange Outer Diameter	11.8084 in
B – Cone Width	2.5 in
C – Cup Width	1.8750 in
C1 – Cup Flange Width	0.4375 in
T1 – Bearing Width	2.5000 in
T – Bearing Width to Flange	1.0625 in
R – Cone Backface To Clear Radius <sup>1</sup>	0.280 in
r – Cup Backface To Clear Radius <sup>2</sup>	0.130 in
da – Cone Frontface Backing Diameter	7.6 in
db – Cone Backface Backing Diameter	8.03 in
Da – Cup Frontface Backing Diameter	10.75 in
Ab – Cage-Cone Frontface Clearance	0.25 in
Aa – Cage-Cone Backface Clearance	0.24 in

a – Effective Center Location <sup>3</sup>	-0.03 in
C <sub>90</sub> – Dynamic Radial Rating (90 million revolutions) <sup>4</sup>	38500 lbf
C <sub>1</sub> – Dynamic Radial Rating (1 million revolutions) <sup>5</sup>	148000 lbf
C <sub>0</sub> – Static Radial Rating	242000 lbf
Ca <sub>90</sub> – Dynamic Thrust Rating (90 million revolutions) <sup>6</sup>	30800 lbf
K – Factor <sup>7</sup>	1.25
e – ISO Factor <sup>8</sup>	0.47
Y – ISO Factor <sup>9</sup>	1.28
G <sub>1</sub> – Heat Generation Factor (Roller-Raceway) <sup>10</sup>	692
G <sub>2</sub> – Heat Generation Factor (Rib-Roller End)	93.8
C <sub>g</sub> – Geometry Factor <sup>11</sup>	0.129