

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 ¹	0.280 in
r – Cup Backface To Clear Radius ²	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 ³	-0.03 in
C ₉₀ – Dynamic Radial Rating (90 million revolutions) ⁴	38500 lbf
C ₁ – Dynamic Radial Rating (1 million revolutions) ⁵	148000 lbf
C ₀ – Static Radial Rating	242000 lbf
Ca ₉₀ – Dynamic Thrust Rating (90 million revolutions) ⁶	30800 lbf
K – Factor ⁷	1.25
e – ISO Factor ⁸	0.47
Y – ISO Factor ⁹	1.28
G ₁ – Heat Generation Factor (Roller-Raceway) ¹⁰	692
G ₂ – Heat Generation Factor (Rib-Roller End)	93.8
C _g – Geometry Factor ¹¹	0.129