

NTN SA1-90BSS plain bearings

NTN SA1-90BSS plain bearings Product Brochures HM252300 Series , Manufacturing Service . Get Your Free.

Series	HM252300
Cone Part Number	HM252340D
Cup Part Number	HM252310
Design Units	Imperial
Bearing Weight	178.100 lb
Cage Type	Stamped Steel
Aa – Cage-Cone Backface Clearance	0 in
d	9.8750 in
D	16.6250 in
B – Double Cone Width	5.5000 in
C – Cup Width	2.6250 in
T – Bearing Width across Cups	5.9999 in
R – Cone Frontface To Clear Radius ¹	0.140 in
r – Cup Backface To Clear Radius ²	0.130 in
da – Cone Frontface Backing Diameter	10.94 in
Db – Cup Backface Backing Diameter	15.43 in
Ab – Cage-Cone Frontface Clearance	0.24 in
C ₉₀ – Dynamic Radial Rating (One-Row, 90 million revolutions) ³	87400 lbf
C ₁ – Dynamic Radial Rating (Two-Row, 1 million revolutions) ⁴	587000 lbf
C ₉₀₍₂₎ – Dynamic Radial Rating (Two-Row, 90 million revolutions) ⁵	152000 lbf
Ca ₉₀ – Dynamic Thrust Rating (90 million revolutions) ⁶	49700 lbf

K – Factor7	1.76
e – ISO Factor8	0.33
Y1 – ISO Factor9	2.03
Y2 – ISO Factor10	3.02
Cg – Geometry Factor11	0.148