

NSK 53420XU thrust ball bearings

LET OUR NSK 53420XU thrust ball bearings 47400 Series EXPERTS GET YOU THE PARTS YOU NEED.

Series	47400
Cone Part Number	47490
Cup Part Number	47420DC
Design Units	Imperial
Bearing Weight	6.54 lb
Cage Type	Stamped Steel
Ab – Cage-Cone Frontface Clearance	0.1 in
d	2.8125 in
D	4.7244 in
B – Cone Width	1.2813 in
C – Double Cup Width	2.3125 in
T – Bearing Width across Cones	2.8124 in
R – Cone Backface To Clear Radius ¹	0.14 in
r – Cup Frontface To Clear Radius ²	0.03 in
db – Cone Backface Backing Diameter	3.39 in
Da – Cup Frontface Backing Diameter	4.53 in
Aa – Cage-Cone Backface Clearance	0.07 in
C90 – Dynamic Radial Rating (One-Row, 90 million revolutions) ³	10400 lbf
C1 – Dynamic Radial Rating (Two-Row, 1 million revolutions) ⁴	70000 lbf
C90(2) – Dynamic Radial Rating (Two-Row, 90 million revolutions) ⁵	18100 lbf

Ca90 – Dynamic Thrust Rating (90 million revolutions) ⁶	6420 lbf
K – Factor ⁷	1.62
e – ISO Factor ⁸	0.36
Y1 – ISO Factor ⁹	1.87
Y2 – ISO Factor ¹⁰	2.79
G1 – Heat Generation Factor (Roller-Raceway) ¹¹	98.4
G2 – Heat Generation Factor (Rib-Roller End)	26.3
Cg – Geometry Factor ¹²	0.115