

NTN 78/670 angular contact ball bearings

NTN 78/670 angular contact ball bearings Engineering Calculator , 421437 Cup Part Number 420000 Series Manufacturing Service . Get Your Free. EE420812X Cone Part Number

Series	420000
Cone Part Number	EE420812X
Cup Part Number	421437
Design Units	Imperial
Bearing Weight	36.200 Kg
Cage Type	Stamped Steel
d	206.375 mm
D	365.049 mm
B – Cone Width	88.897 mm
C – Cup Width	63.500 mm
B	92.075 mm
R – Cone Backface To Clear Radius ¹	6.35 mm
r – Cup Backface To Clear Radius ²	3.30 mm
da – Cone Frontface Backing Diameter	229.11 mm
db – Cone Backface Backing Diameter	239.01 mm
Da – Cup Frontface Backing Diameter	334.30 mm
Db – Cup Backface Backing Diameter	328.93 mm
Ab – Cage-Cone Frontface Clearance	3.6 mm
Aa – Cage-Cone Backface Clearance	18.3 mm
a – Effective Center Location ³	-15.5 mm

C90 – Dynamic Radial Rating (90 million revolutions) ⁴	64300 lbf
C1 – Dynamic Radial Rating (1 million revolutions) ⁵	248000 lbf
C0 – Static Radial Rating	409000 lbf
Ca90 – Dynamic Thrust Rating (90 million revolutions) ⁶	44200 lbf
K – Factor ⁷	1.45
e – ISO Factor ⁸	0.4
Y – ISO Factor ⁹	1.49
G1 – Heat Generation Factor (Roller-Raceway)	1150.5
G2 – Heat Generation Factor (Rib-Roller End)	128.2
Cg – Geometry Factor	0.145