

NSK 80BNR10XE angular contact ball bearings

The 745 Series online NSK 80BNR10XE angular contact ball bearings Imperial Design Units parts store gives you immediate access to a selection of more than 1.4 million new, used, remanufactured.

Series	745
Cone Part Number	745A
Design Units	Imperial
Cage Type	Stamped Steel
C1 – Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	147000 lbf
C90(2) – Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	38200 lbf
d	2.7500 in
B – Cone Width	1.8375 in
R – Cone Backface To Clear Radius ³	0.14 in
da – Cone Frontface Backing Diameter	3.23 in
db – Cone Backface Backing Diameter	3.46 in
Ab – Cage-Cone Frontface Clearance	0.08 in
Aa – Cage-Cone Backface Clearance	0.05 in
a – Effective Center Location ⁴	-0.47 in
C90 – Dynamic Radial Rating (90 million revolutions) ⁵	21900 lbf
C1 – Dynamic Radial Rating (1 million revolutions) ⁶	84700 lbf
C0 – Static Radial Rating	93800 lbf

Ca90 – Dynamic Thrust Rating (90 million revolutions) ⁷	12200 lbf
K – Factor ⁸	1.8
G1 – Heat Generation Factor (Roller-Raceway)	159.6
G2 – Heat Generation Factor (Rib-Roller End)	26.3
Cg – Geometry Factor	0.0898