

NTN CRD-11207 tapered roller bearings

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Series	19000
Cone Part Number	19138X
Cup Part Number	19281
Design Units	Imperial
Bearing Weight	0.30 Kg
Cage Type	Stamped Steel
d	35.001 mm
D	71.438 mm
B – Cone Width	16.520 mm
C – Cup Width	11.908 mm
B	15.875 mm
R – Cone Backface To Clear Radius ¹	2.030 mm
r – Cup Backface To Clear Radius ²	1.02 mm
da – Cone Frontface Backing Diameter	40.39 mm
db – Cone Backface Backing Diameter	43.43 mm
Da – Cup Frontface Backing Diameter	66.50 mm
Db – Cup Backface Backing Diameter	62.99 mm
Ab – Cage-Cone Frontface Clearance	2.3 mm
Aa – Cage-Cone Backface Clearance	0.8 mm
a – Effective Center Location ³	-1.5 mm
C90 – Dynamic Radial Rating (90 million revolutions) ⁴	2960 lbf

C1 – Dynamic Radial Rating (1 million revolutions) ⁵	11400 lbf
C0 – Static Radial Rating	13000 lbf
Ca90 – Dynamic Thrust Rating (90 million revolutions) ⁶	2250 lbf
K – Factor ⁷	1.31
e – ISO Factor ⁸	0.44
Y – ISO Factor ⁹	1.35
G1 – Heat Generation Factor (Roller-Raceway)	17.5
G2 – Heat Generation Factor (Rib-Roller End)	11.5
Cg – Geometry Factor	0.0694