

NTN AS203D1 deep groove ball bearings

We work closely with M249747 Cone Part Number our NTN AS203D1 deep groove ball bearings manufacturing partners to bring the best value to M249700 Series customers.

Series	M249700
Cone Part Number	M249747
Cup Part Number	M249710X
Design Units	Imperial
Bearing Weight	20.80 Kg
Cage Type	Stamped Steel
d	257.175 mm
D	358.775 mm
B – Cone Width	76.200 mm
C – Cup Width	53.975 mm
B	71.438 mm
R – Cone Backface To Clear Radius ¹	1.520 mm
r – Cup Backface To Clear Radius ²	3.30 mm
da – Cone Frontface Backing Diameter	272.03 mm
db – Cone Backface Backing Diameter	272.03 mm
Da – Cup Frontface Backing Diameter	343.41 mm
Db – Cup Backface Backing Diameter	335.03 mm
Ab – Cage-Cone Frontface Clearance	2.3 mm
Aa – Cage-Cone Backface Clearance	6.1 mm
a – Effective Center Location ³	-6.9 mm
C90 – Dynamic Radial Rating (90 million revolutions) ⁴	48700 lbf

C1 – Dynamic Radial Rating (1 million revolutions) ⁵	188000 lbf
C0 – Static Radial Rating	366000 lbf
Ca90 – Dynamic Thrust Rating (90 million revolutions) ⁶	27700 lbf
K – Factor ⁷	1.76
e – ISO Factor ⁸	0.33
Y – ISO Factor ⁹	1.8
G1 – Heat Generation Factor (Roller-Raceway)	1485.4
G2 – Heat Generation Factor (Rib-Roller End)	158.7
Cg – Geometry Factor	0.148