

# NTN 4T-09078/09195 tapered roller bearings

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Series	JP12000
Cone Part Number	JP12043P
Cup Part Number	JP12010
Design Units	METRIC
Bearing Weight	2.2 Kg
Cage Type	Stamped Steel
d	115.000 mm
D	170 mm
B – Cone Width	36 mm
C – Cup Width	19.500 mm
B	38.000 mm
R – Cone Backface To Clear Radius <sup>1</sup>	3.050 mm
r – Cup Backface To Clear Radius <sup>2</sup>	3.05 mm
da – Cone Frontface Backing Diameter	0 mm
db – Cone Backface Backing Diameter	128.02 mm
Da – Cup Frontface Backing Diameter	165.10 mm
Db – Cup Backface Backing Diameter	156.97 mm
Ab – Cage-Cone Frontface Clearance	4.1 mm
Aa – Cage-Cone Backface Clearance	12.7 mm
a – Effective Center Location <sup>3</sup>	-7.1 mm
C90 – Dynamic Radial Rating (90 million revolutions) <sup>4</sup>	42000 N

C1 – Dynamic Radial Rating (1 million revolutions) <sup>5</sup>	162000 N
C0 – Static Radial Rating	254000 N
Ca90 – Dynamic Thrust Rating (90 million revolutions) <sup>6</sup>	28000 N
K – Factor <sup>7</sup>	1.24
e – ISO Factor <sup>8</sup>	0.47
Y – ISO Factor <sup>9</sup>	1.27
G1 – Heat Generation Factor (Roller-Raceway)	172.5
G2 – Heat Generation Factor (Rib-Roller End)	34.6
Cg – Geometry Factor	0.147