

# NTN 4T-359S/354A tapered roller bearings

NTN 4T-359S/354A tapered roller bearings Engineering Calculator , Manufacturing Service 15000 Series . Get Your Free.

Series	15000
Cone Part Number	15116
Cup Part Number	15249
Design Units	Imperial
Bearing Weight	0.30 Kg
Cage Type	Stamped Steel
d	30.112 mm
D	63.500 mm
B – Cone Width	20.638 mm
C – Cup Width	15.875 mm
B	20.638 mm
R – Cone Backface To Clear Radius <sup>1</sup>	0.760 mm
r – Cup Backface To Clear Radius <sup>2</sup>	1.52 mm
da – Cone Frontface Backing Diameter	35.56 mm
db – Cone Backface Backing Diameter	36.07 mm
Da – Cup Frontface Backing Diameter	59.44 mm
Db – Cup Backface Backing Diameter	55.12 mm
Ab – Cage-Cone Frontface Clearance	1.8 mm
Aa – Cage-Cone Backface Clearance	0.8 mm
a – Effective Center Location <sup>3</sup>	-5.8 mm
C90 – Dynamic Radial Rating (90 million revolutions) <sup>4</sup>	3490 lbf

C1 – Dynamic Radial Rating (1 million revolutions) <sup>5</sup>	13500 lbf
C0 – Static Radial Rating	12100 lbf
Ca90 – Dynamic Thrust Rating (90 million revolutions) <sup>6</sup>	2090 lbf
K – Factor <sup>7</sup>	1.67
e – ISO Factor <sup>8</sup>	0.35
Y – ISO Factor <sup>9</sup>	1.71
G1 – Heat Generation Factor (Roller-Raceway)	14.6
G2 – Heat Generation Factor (Rib-Roller End)	10
Cg – Geometry Factor	0.0606