

# NACHI 7312BDT angular contact ball bearings

Shop NACHI 7312BDT angular contact ball bearings 49520-B Cup Part Number huge online discount inventory. and Import machinery parts your car 49500 Series needs with Free Shipping and Free Extended Warranty.

Series	49500
Cone Part Number	49576
Cup Part Number	49520-B
Design Units	Imperial
Bearing Weight	2.9 lb
Cage Type	Stamped Steel
d	1.7500 in
D	4.0000 in
D1 – Flange Outer Diameter	4.2148 in
B – Cone Width	1.2500 in
C – Cup Width	1.0000 in
C1 – Cup Flange Width	0.2188 in
T1 – Bearing Width	1.250 in
T – Bearing Width to Flange	0.4688 in
R – Cone Backface To Clear Radius1	0.03 in
r – Cup Backface To Clear Radius2	0.130 in
da – Cone Frontface Backing Diameter	2.13 in
db – Cone Backface Backing Diameter	2.17 in
Da – Cup Frontface Backing Diameter	3.90 in
Ab – Cage-Cone Frontface Clearance	0.09 in
Aa – Cage-Cone Backface Clearance	0.07 in

a – Effective Center Location <sup>3</sup>	-0.28 in
C <sub>90</sub> – Dynamic Radial Rating (90 million revolutions) <sup>4</sup>	9170 lbf
C <sub>1</sub> – Dynamic Radial Rating (1 million revolutions) <sup>5</sup>	35400 lbf
C <sub>0</sub> – Static Radial Rating	35000 lbf
Ca <sub>90</sub> – Dynamic Thrust Rating (90 million revolutions) <sup>6</sup>	6290 lbf
K – Factor <sup>7</sup>	1.46
e – ISO Factor <sup>8</sup>	0.4
Y – ISO Factor <sup>9</sup>	1.5
G <sub>1</sub> – Heat Generation Factor (Roller-Raceway) <sup>10</sup>	49.1
G <sub>2</sub> – Heat Generation Factor (Rib-Roller End)	14.2
C <sub>g</sub> – Geometry Factor <sup>11</sup>	0.0946