

# CYSD 7919CDT angular contact ball bearings

We Provide 493-B Cup Part Number Extensive CYSD 7919CDT angular contact ball bearings Selection And 495 Series Competitive Wholesale Pricing.

Series	495
Cone Part Number	496
Cup Part Number	493-B
Design Units	Imperial
Bearing Weight	3.8 lb
Cage Type	Stamped Steel
d	3.1875 in
D	5.3750 in
D1 – Flange Outer Diameter	5.5890 in
B – Cone Width	1.1720 in
C – Cup Width	0.8750 in
C1 – Cup Flange Width	0.2180 in
T1 – Bearing Width	1.1875 in
T – Bearing Width to Flange	0.5305 in
R – Cone Backface To Clear Radius1	0.14 in
r – Cup Backface To Clear Radius2	0.130 in
da – Cone Frontface Backing Diameter	3.5 in
db – Cone Backface Backing Diameter	3.74 in
Da – Cup Frontface Backing Diameter	5.19 in
Ab – Cage-Cone Frontface Clearance	0.12 in
Aa – Cage-Cone Backface Clearance	0.07 in
a – Effective Center Location3	-0.03 in

C90 – Dynamic Radial Rating (90 million revolutions) <sup>4</sup>	9000 lbf
C1 – Dynamic Radial Rating (1 million revolutions) <sup>5</sup>	34700 lbf
C0 – Static Radial Rating	48600 lbf
Ca90 – Dynamic Thrust Rating (90 million revolutions) <sup>6</sup>	6850 lbf
K – Factor <sup>7</sup>	1.31
e – ISO Factor <sup>8</sup>	0.44
Y – ISO Factor <sup>9</sup>	1.35
G1 – Heat Generation Factor (Roller-Raceway) <sup>10</sup>	105
G2 – Heat Generation Factor (Rib-Roller End)	29.3
Cg – Geometry Factor <sup>11</sup>	0.125