

# FBJ 4308ZZ deep groove ball bearings

Various 533D Cup Part Number types and sizes to accommodate your FBJ 4308ZZ deep groove ball bearings 535 Series 542 Cone Part Number requirements.

Series	535
Cone Part Number	542
Cup Part Number	533D
Design Units	Imperial
Bearing Weight	8.77 lb
Cage Type	Stamped Steel
Ab – Cage-Cone Frontface Clearance	0.07 in
d	1.5 in
D	4.3750 in
B – Cone Width	1.4550 in
C – Double Cup Width	2.5 in
T – Bearing Width across Cones	3.1250 in
R – Cone Backface To Clear Radius <sup>1</sup>	0.14 in
r – Cup Frontface To Clear Radius <sup>2</sup>	0.06 in
db – Cone Backface Backing Diameter	2.17 in
Da – Cup Frontface Backing Diameter	3.96 in
Aa – Cage-Cone Backface Clearance	0.08 in
C90 – Dynamic Radial Rating (One-Row, 90 million revolutions) <sup>3</sup>	10000 lbf
C1 – Dynamic Radial Rating (Two-Row, 1 million revolutions) <sup>4</sup>	67400 lbf
C90(2) – Dynamic Radial Rating (Two-Row, 90 million revolutions) <sup>5</sup>	17500 lbf

Ca90 – Dynamic Thrust Rating (90 million revolutions) <sup>6</sup>	5090 lbf
K – Factor <sup>7</sup>	1.97
e – ISO Factor <sup>8</sup>	0.3
Y1 – ISO Factor <sup>9</sup>	2.28
Y2 – ISO Factor <sup>10</sup>	3.39
Cg – Geometry Factor <sup>11</sup>	0.0938