

# ZEN S691X-2Z deep groove ball bearings

ZEN S691X-2Z deep groove ball bearings Engineering Calculator Stamped Steel Cage Type , Manufacturing Service . Get Your 5356 Cone Part Number Free.

Cone Part Number	5356
Design Units	Imperial
Cage Type	Stamped Steel
C1 – Dynamic Radial Rating (Two-Row, 1 million revolutions) <sup>1</sup>	83100 lbf
C90(2) – Dynamic Radial Rating (Two-Row, 90 million revolutions) <sup>2</sup>	21500 lbf
d	1.7500 in
B – Cone Width	1.7510 in
R – Cone Backface To Clear Radius <sup>3</sup>	0.050 in
da – Cone Frontface Backing Diameter	2.2 in
db – Cone Backface Backing Diameter	2.28 in
Ab – Cage-Cone Frontface Clearance	0.07 in
Aa – Cage-Cone Backface Clearance	0.08 in
a – Effective Center Location <sup>4</sup>	-0.63 in
C90 – Dynamic Radial Rating (90 million revolutions) <sup>5</sup>	12400 lbf
C1 – Dynamic Radial Rating (1 million revolutions) <sup>6</sup>	47700 lbf
C0 – Static Radial Rating	60100 lbf
Ca90 – Dynamic Thrust Rating (90 million revolutions) <sup>7</sup>	6280 lbf
K – Factor <sup>8</sup>	1.97

G1 – Heat Generation Factor (Roller-Raceway)	73.4
G2 – Heat Generation Factor (Rib-Roller End)	15.5
Cg – Geometry Factor	0.0985