

# KOYO SE 629 ZZSTMSA7 deep groove ball bearings

KOYO SE 629 ZZSTMSA7 deep groove ball bearings Engineering Calculator 91112 Cup Part Number , 91000 Series Manufacturing Service . Get Your Free.

Series	91000
Cone Part Number	EE91700D
Cup Part Number	91112
Design Units	Imperial
Bearing Weight	52 lb
Cage Type	Stamped Steel
Aa – Cage-Cone Backface Clearance	0 in
d	7.0000 in
D	11.2500 in
B – Double Cone Width	4.1875 in
C – Cup Width	1.6250 in
T – Bearing Width across Cups	4.1873 in
R – Cone Frontface To Clear Radius1	0.060 in
r – Cup Backface To Clear Radius2	0.130 in
da – Cone Frontface Backing Diameter	7.48 in
Db – Cup Backface Backing Diameter	10.28 in
Ab – Cage-Cone Frontface Clearance	0.05 in
C90 – Dynamic Radial Rating (One-Row, 90 million revolutions)3	28600 lbf
C1 – Dynamic Radial Rating (Two-Row, 1 million revolutions)4	192000 lbf
C90(2) – Dynamic Radial Rating (Two-Row, 90 million revolutions)5	49700 lbf

Ca90 – Dynamic Thrust Rating (90 million revolutions) <sup>6</sup>	21200 lbf
K – Factor <sup>7</sup>	1.35
e – ISO Factor <sup>8</sup>	0.43
Y1 – ISO Factor <sup>9</sup>	1.56
Y2 – ISO Factor <sup>10</sup>	2.32
Cg – Geometry Factor <sup>11</sup>	0.114