

CYSD 7812CDB angular contact ball bearings

Request A Quote For Your Special CYSD 7812CDB angular contact ball bearings Needs Today! 280000 Series EE280700D Cone Part Number Free Quotes. ISO 9001 certified.

Series	280000
Cone Part Number	EE280700D
Cup Part Number	281202
Design Units	Imperial
Bearing Weight	68.30 lb
Cage Type	Stamped Steel
Aa – Cage-Cone Backface Clearance	0 in
d	7.0000 in
D	12 in
B – Double Cone Width	4.5000 in
C – Cup Width	1.6875 in
T – Bearing Width across Cups	4.3085 in
R – Cone Frontface To Clear Radius1	0.130 in
r – Cup Backface To Clear Radius2	0.130 in
da – Cone Frontface Backing Diameter	7.87 in
Db – Cup Backface Backing Diameter	10.98 in
Ab – Cage-Cone Frontface Clearance	0.08 in
C90 – Dynamic Radial Rating (One-Row, 90 million revolutions)3	35100 lbf
C1 – Dynamic Radial Rating (Two-Row, 1 million revolutions)4	236000 lbf
C90(2) – Dynamic Radial Rating (Two-Row, 90 million revolutions)5	61200 lbf

Ca90 – Dynamic Thrust Rating (90 million revolutions) ⁶	21700 lbf
K – Factor ⁷	1.62
e – ISO Factor ⁸	0.36
Y1 – ISO Factor ⁹	1.87
Y2 – ISO Factor ¹⁰	2.79
G1 – Heat Generation Factor (Roller-Raceway) ¹¹	591
G2 – Heat Generation Factor (Rib-Roller End)	86
Cg – Geometry Factor ¹²	0.112