

ZEN S3305 angular contact ball bearings

Manufacturers LM451310 Cup Part Number of all are represented in our partial list of clients. Contact Gary for a complete ZEN S3305 angular contact ball bearings list of clients LM451300 Series and projects.

Series	LM451300
Cone Part Number	LM451349V
Cup Part Number	LM451310
Design Units	Imperial
Bearing Weight	14.90 Kg
Cage Type	Stamped Steel
d	266.7 mm
D	355.6 mm
B – Cone Width	57.150 mm
C – Cup Width	44.450 mm
B	57.150 mm
R – Cone Backface To Clear Radius ¹	3.560 mm
r – Cup Backface To Clear Radius ²	3.30 mm
da – Cone Frontface Backing Diameter	280.92 mm
db – Cone Backface Backing Diameter	284.99 mm
Da – Cup Frontface Backing Diameter	343.41 mm
Db – Cup Backface Backing Diameter	335.03 mm
Ab – Cage-Cone Frontface Clearance	7.6 mm
Aa – Cage-Cone Backface Clearance	3.3 mm
a – Effective Center Location ³	5.1 mm

C90 – Dynamic Radial Rating (90 million revolutions) ⁴	39300 lbf
C1 – Dynamic Radial Rating (1 million revolutions) ⁵	152000 lbf
C0 – Static Radial Rating	296000 lbf
Ca90 – Dynamic Thrust Rating (90 million revolutions) ⁶	24200 lbf
K – Factor ⁷	1.62
e – ISO Factor ⁸	0.36
Y – ISO Factor ⁹	1.67
G1 – Heat Generation Factor (Roller-Raceway)	1411.7
G2 – Heat Generation Factor (Rib-Roller End)	193.7
Cg – Geometry Factor	0.148