

KOYO NJ308R cylindrical roller bearings

Manufacturers of all are represented in our partial 655 Series list of clients. Contact Gary for a complete KOYO NJ308R cylindrical roller bearings list of clients and projects.

Series	655
Cone Part Number	655
Cup Part Number	652-B
Design Units	Imperial
Bearing Weight	8.2 lb
Cage Type	Stamped Steel
d	2.7500 in
D	6.0000 in
D1 – Flange Outer Diameter	6.2772 in
B – Cone Width	1.6250 in
C – Cup Width	1.2500 in
C1 – Cup Flange Width	0.2812 in
T1 – Bearing Width	1.625 in
T – Bearing Width to Flange	0.6562 in
R – Cone Backface To Clear Radius ¹	0.14 in
r – Cup Backface To Clear Radius ²	0.130 in
da – Cone Frontface Backing Diameter	3.23 in
db – Cone Backface Backing Diameter	3.46 in
Da – Cup Frontface Backing Diameter	5.57 in
Ab – Cage-Cone Frontface Clearance	0.1 in
Aa – Cage-Cone Backface Clearance	0.17 in
a – Effective Center Location ³	-0.31 in

C90 – Dynamic Radial Rating (90 million revolutions) ⁴	14400 lbf
C1 – Dynamic Radial Rating (1 million revolutions) ⁵	55500 lbf
C0 – Static Radial Rating	75300 lbf
Ca90 – Dynamic Thrust Rating (90 million revolutions) ⁶	10100 lbf
K – Factor ⁷	1.43
e – ISO Factor ⁸	0.41
Y – ISO Factor ⁹	1.47
G1 – Heat Generation Factor (Roller-Raceway) ¹⁰	137
G2 – Heat Generation Factor (Rib-Roller End)	27.3
Cg – Geometry Factor ¹¹	0.0919