

# NACHI E33028J tapered roller bearings

Manufacturers of all are represented in our partial list of clients. H715310-B Cup Part Number Contact Gary for a complete H715300 Series NACHI E33028J tapered roller bearings list of clients and projects.

Series	H715300
Cone Part Number	H715341
Cup Part Number	H715310-B
Design Units	Imperial
Bearing Weight	8.1 lb
Cage Type	Stamped Steel
d	2.6250 in
D	5.5000 in
D1 – Flange Outer Diameter	6 in
B – Cone Width	1.8125 in
C – Cup Width	1.4375 in
C1 – Cup Flange Width	0.3125 in
T1 – Bearing Width	1.8125 in
T – Bearing Width to Flange	0.6875 in
R – Cone Backface To Clear Radius <sup>1</sup>	0.14 in
r – Cup Backface To Clear Radius <sup>2</sup>	0.130 in
da – Cone Frontface Backing Diameter	3.35 in
db – Cone Backface Backing Diameter	3.58 in
Da – Cup Frontface Backing Diameter	5.35 in
Ab – Cage-Cone Frontface Clearance	0.11 in
Aa – Cage-Cone Backface Clearance	0.14 in

a – Effective Center Location <sup>3</sup>	-0.34 in
C <sub>90</sub> – Dynamic Radial Rating (90 million revolutions) <sup>4</sup>	18600 lbf
C <sub>1</sub> – Dynamic Radial Rating (1 million revolutions) <sup>5</sup>	71700 lbf
C <sub>0</sub> – Static Radial Rating	91000 lbf
Ca <sub>90</sub> – Dynamic Thrust Rating (90 million revolutions) <sup>6</sup>	15100 lbf
K – Factor <sup>7</sup>	1.24
e – ISO Factor <sup>8</sup>	0.47
Y – ISO Factor <sup>9</sup>	1.27
G <sub>1</sub> – Heat Generation Factor (Roller-Raceway) <sup>10</sup>	147
G <sub>2</sub> – Heat Generation Factor (Rib-Roller End)	32.8
C <sub>g</sub> – Geometry Factor <sup>11</sup>	0.0993