

# INA EGB2430-E40-B plain bearings

We work closely with our INA EGB2430-E40-B plain bearings manufacturing 29600 Series partners to bring the best value to customers.

Series	29600
Cone Part Number	29680
Cup Part Number	29622DC
Design Units	Imperial
Bearing Weight	4.68 lb
Cage Type	Stamped Steel
Ab – Cage-Cone Frontface Clearance	0.08 in
d	2.7810 in
D	4.4995 in
B – Cone Width	1.0000 in
C – Double Cup Width	1.8125 in
T – Bearing Width across Cones	2.3124 in
R – Cone Backface To Clear Radius <sup>1</sup>	0.050 in
r – Cup Frontface To Clear Radius <sup>2</sup>	0.03 in
db – Cone Backface Backing Diameter	3.15 in
Da – Cup Frontface Backing Diameter	4.33 in
Aa – Cage-Cone Backface Clearance	0.08 in
C90 – Dynamic Radial Rating (One-Row, 90 million revolutions) <sup>3</sup>	6440 lbf
C1 – Dynamic Radial Rating (Two-Row, 1 million revolutions) <sup>4</sup>	43300 lbf
C90(2) – Dynamic Radial Rating (Two-Row, 90 million revolutions) <sup>5</sup>	11200 lbf

Ca90 – Dynamic Thrust Rating (90 million revolutions) <sup>6</sup>	5370 lbf
K – Factor <sup>7</sup>	1.2
e – ISO Factor <sup>8</sup>	0.49
Y1 – ISO Factor <sup>9</sup>	1.38
Y2 – ISO Factor <sup>10</sup>	2.06
G1 – Heat Generation Factor (Roller-Raceway) <sup>11</sup>	77.7
G2 – Heat Generation Factor (Rib-Roller End)	43.3
Cg – Geometry Factor <sup>12</sup>	0.117