

# ISB 54409 U 409 thrust ball bearings

ISB 54409 U 409 thrust ball bearings manufacturer and global supplier of reliable ball and roller ... ISB 54409 U 409 thrust ball bearings Industries Products 07196D Cup Part Number Manufacturing & Engineering and Agricultural 07000 Series Bearings designed to meet the unique requirements of our targeted industries.

Series	07000
Cone Part Number	07100-S
Cup Part Number	07196D
Design Units	Imperial
Bearing Weight	0.59 lb
Cage Type	Stamped Steel
Ab – Cage-Cone Frontface Clearance	0.08 in
d	1.0000 in
D	1.9687 in
B – Cone Width	0.5614 in
C – Double Cup Width	1.0000 in
T – Bearing Width across Cones	1.3126 in
R – Cone Backface To Clear Radius <sup>1</sup>	0.06 in
r – Cup Frontface To Clear Radius <sup>2</sup>	0.03 in
db – Cone Backface Backing Diameter	1.24 in
Da – Cup Frontface Backing Diameter	1.85 in
Aa – Cage-Cone Backface Clearance	0 in
C90 – Dynamic Radial Rating (One-Row, 90 million revolutions) <sup>3</sup>	1700 lbf

C1 – Dynamic Radial Rating (Two-Row, 1 million revolutions) <sup>4</sup>	11400 lbf
C90(2) – Dynamic Radial Rating (Two-Row, 90 million revolutions) <sup>5</sup>	2950 lbf
Ca90 – Dynamic Thrust Rating (90 million revolutions) <sup>6</sup>	1170 lbf
K – Factor <sup>7</sup>	1.45
e – ISO Factor <sup>8</sup>	0.4
Y1 – ISO Factor <sup>9</sup>	1.68
Y2 – ISO Factor <sup>10</sup>	2.5
G1 – Heat Generation Factor (Roller-Raceway) <sup>11</sup>	7.6
G2 – Heat Generation Factor (Rib-Roller End)	7.07
Cg – Geometry Factor <sup>12</sup>	0.0509