

# Timken 64433/64700D+X1S-64433 tapered roller bearings

Welcome to the 385 Series Timken 64433/64700D+X1S-64433 tapered roller bearings 389 Cone Part Number online seller.

Series	385
Cone Part Number	389
Cup Part Number	384XD
Design Units	Imperial
Bearing Weight	5.64 lb
Cage Type	Stamped Steel
Ab – Cage-Cone Frontface Clearance	0.11 in
d	2.1880 in
D	3.9370 in
B – Cone Width	0.8640 in
C – Double Cup Width	3.7640 in
T – Bearing Width across Cones	4.1389 in
R – Cone Backface To Clear Radius <sup>1</sup>	0.09 in
r – Cup Frontface To Clear Radius <sup>2</sup>	0.03 in
db – Cone Backface Backing Diameter	2.56 in
Da – Cup Frontface Backing Diameter	3.74 in
Aa – Cage-Cone Backface Clearance	0.03 in
C <sub>90</sub> – Dynamic Radial Rating (One-Row, 90 million revolutions) <sup>3</sup>	6280 lbf
C <sub>1</sub> – Dynamic Radial Rating (Two-Row, 1 million revolutions) <sup>4</sup>	42200 lbf
C <sub>90(2)</sub> – Dynamic Radial Rating (Two-Row, 90 million revolutions) <sup>5</sup>	10900 lbf

Ca90 – Dynamic Thrust Rating (90 million revolutions) <sup>6</sup>	3810 lbf
K – Factor <sup>7</sup>	1.65
e – ISO Factor <sup>8</sup>	0.35
Y1 – ISO Factor <sup>9</sup>	1.91
Y2 – ISO Factor <sup>10</sup>	2.84
Cg – Geometry Factor <sup>11</sup>	0.0859