

Timken

EE170975/171451CD+X1S-170975 tapered roller bearings

Our highly-skilled and factory-trained service experts have the resources to help you with all your Timken EE170975/171451CD+X1S-170975 tapered roller bearings needs – including routine 6500 Series maintenance, major repairs, warranty service, Imperial Design Units and equipment inspections.

Series	6500
Cone Part Number	6559V
Design Units	Imperial
Cage Type	Stamped Steel
C1 – Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	172000 lbf
C90(2) – Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	44600 lbf
d	3.2500 in
B – Cone Width	2.1693 in
R – Cone Backface To Clear Radius ³	0.14 in
da – Cone Frontface Backing Diameter	3.86 in
db – Cone Backface Backing Diameter	4.09 in
Ab – Cage-Cone Frontface Clearance	0.06 in
Aa – Cage-Cone Backface Clearance	0.15 in
a – Effective Center Location ⁴	-0.52 in
C90 – Dynamic Radial Rating (90 million revolutions) ⁵	25600 lbf

C1 – Dynamic Radial Rating (1 million revolutions) ⁶	98800 lbf
C0 – Static Radial Rating	118000 lbf
Ca90 – Dynamic Thrust Rating (90 million revolutions) ⁷	17600 lbf
K – Factor ⁸	1.46
Cg – Geometry Factor	0.1040