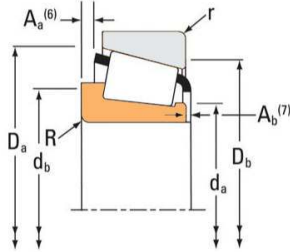
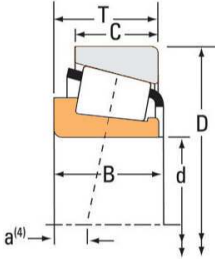




# BEARING USA CORP.

## TYPE TS



## Timken 482 472D Tapered roller bearing

Bearing No. 482

482 Bearing 2D drawings and 3D CAD models

Series	475
Cone Part Number	482
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) <sup>1</sup>	56100 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) <sup>2</sup>	14600 lbf
d	2.7500 in
B - Cone Width	1.1420 in
R - Cone Backface To Clear Radius <sup>3</sup>	0.14 in
da - Cone Frontface Backing Diameter	3.03 in
db - Cone Backface Backing Diameter	3.27 in
Ab - Cage-Cone Frontface Clearance	0.12 in
Aa - Cage-Cone Backface Clearance	0.04 in
a - Effective Center Location <sup>4</sup>	-0.16 in
C90 - Dynamic Radial Rating (90 million revolutions) <sup>5</sup>	8360 lbf
C1 - Dynamic Radial Rating (1 million revolutions) <sup>6</sup>	32200 lbf
C0 - Static Radial Rating	41900 lbf



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$C_{a90}$ - Dynamic Thrust Rating (90 million revolutions) <sup>7</sup>	5500 lbf
K - Factor <sup>8</sup>	1.52
G1 - Heat Generation Factor (Roller-Raceway)	77.2
G2 - Heat Generation Factor (Rib-Roller End)	23
Cg - Geometry Factor	0.108