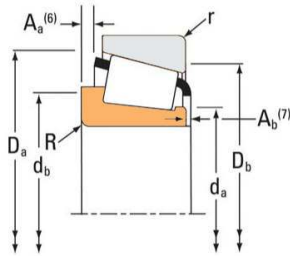
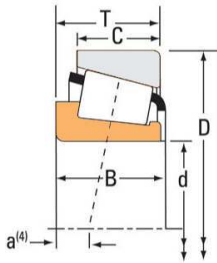




TYPE TS



Timken 28150 28318D Tapered roller bearing

Bearing No. 28150

28150 Bearing 2D drawings and 3D CAD models

Series	28000
Cone Part Number	28150
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) <sup>1</sup>	29500 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) <sup>2</sup>	7640 lbf
d	1.5 in
B - Cone Width	0.8244 in
R - Cone Backface To Clear Radius <sup>3</sup>	0.06 in
da - Cone Frontface Backing Diameter	1.71 in
db - Cone Backface Backing Diameter	1.79 in
Ab - Cage-Cone Frontface Clearance	0.07 in
Aa - Cage-Cone Backface Clearance	0.06 in
a - Effective Center Location <sup>4</sup>	-0.19 in
C90 - Dynamic Radial Rating (90 million revolutions) <sup>5</sup>	4390 lbf
C1 - Dynamic Radial Rating (1 million revolutions) <sup>6</sup>	16900 lbf
C0 - Static Radial Rating	15500 lbf



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$C_{a90}$ - Dynamic Thrust Rating (90 million revolutions) <sup>7</sup>	3020 lbf
K - Factor <sup>8</sup>	1.45
G1 - Heat Generation Factor (Roller-Raceway)	20.7
G2 - Heat Generation Factor (Rib-Roller End)	12.5
Cg - Geometry Factor	0.0709