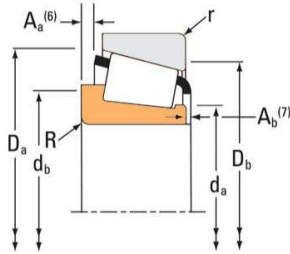
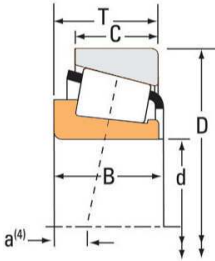




TYPE TS



Timken 17098 17245D Tapered roller bearing

Bearing No. 17098

17098 Bearing 2D drawings and 3D CAD models

Series	17000
Cone Part Number	17098
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) <sup>1</sup>	16900 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) <sup>2</sup>	4390 lbf
d	0.9835 in
B - Cone Width	0.6522 in
R - Cone Backface To Clear Radius <sup>3</sup>	0.06 in
da - Cone Frontface Backing Diameter	1.2 in
db - Cone Backface Backing Diameter	1.3 in
Ab - Cage-Cone Frontface Clearance	0.1 in
Aa - Cage-Cone Backface Clearance	-0.02 in
a - Effective Center Location <sup>4</sup>	-0.14 in
C90 - Dynamic Radial Rating (90 million revolutions) <sup>5</sup>	2520 lbf
C1 - Dynamic Radial Rating (1 million revolutions) <sup>6</sup>	9720 lbf
C0 - Static Radial Rating	9910 lbf



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$C_{a90}$ - Dynamic Thrust Rating (90 million revolutions) <sup>7</sup>	1650 lbf
K - Factor <sup>8</sup>	1.53
G1 - Heat Generation Factor (Roller-Raceway)	11.8
G2 - Heat Generation Factor (Rib-Roller End)	7.5
Cg - Geometry Factor	0.0579