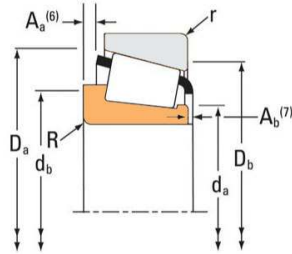




# BEARING DRIVESHAFT, INC.

## TYPE TS



## Timken 1779 Bearing

Bearing No. 1779

1779 Bearing 2D drawings and 3D CAD models

Series	1700
Cone Part Number	1779
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) <sup>1</sup>	17800 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) <sup>2</sup>	4610 lbf
d	0.9375 in
B - Cone Width	0.7810 in
R - Cone Backface To Clear Radius <sup>3</sup>	0.03 in
da - Cone Frontface Backing Diameter	1.12 in
db - Cone Backface Backing Diameter	1.16 in
Ab - Cage-Cone Frontface Clearance	0.08 in
Aa - Cage-Cone Backface Clearance	0.01 in
a - Effective Center Location <sup>4</sup>	-0.27 in
C90 - Dynamic Radial Rating (90 million revolutions) <sup>5</sup>	2650 lbf
C1 - Dynamic Radial Rating (1 million revolutions) <sup>6</sup>	10200 lbf
C0 - Static Radial Rating	10200 lbf



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$C_{a90}$ - Dynamic Thrust Rating (90 million revolutions) <sup>7</sup>	1390 lbf
K - Factor <sup>8</sup>	1.9
G1 - Heat Generation Factor (Roller-Raceway)	10.6
G2 - Heat Generation Factor (Rib-Roller End)	5.39
Cg - Geometry Factor	0.0521