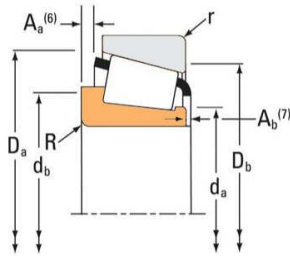
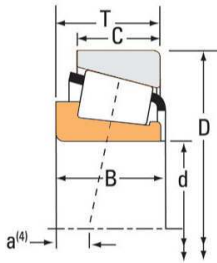




# UG Ball Bearing CORP.

## TYPE TS



## NRXT11020EC8P5 Crossed Roller Bearing 110x160x20mm

Bearing No. 3583

3583 Bearing 2D drawings and 3D CAD models

Series	3500
Cone Part Number	3583
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) <sup>1</sup>	44400 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) <sup>2</sup>	11500 lbf
d	1.5 in
B - Cone Width	1.2160 in
R - Cone Backface To Clear Radius <sup>3</sup>	0.14 in
da - Cone Frontface Backing Diameter	1.79 in
db - Cone Backface Backing Diameter	2.05 in
Ab - Cage-Cone Frontface Clearance	0.05 in
Aa - Cage-Cone Backface Clearance	0.07 in
a - Effective Center Location <sup>4</sup>	-0.4 in
C90 - Dynamic Radial Rating (90 million revolutions) <sup>5</sup>	6610 lbf
C1 - Dynamic Radial Rating (1 million revolutions) <sup>6</sup>	25500 lbf



## UG Ball Bearing CORP.

C0 - Static Radial Rating	30100 lbf
C <sub>a90</sub> - Dynamic Thrust Rating (90 million revolutions) <sup>7</sup>	3460 lbf
K - Factor <sup>8</sup>	1.91
G1 - Heat Generation Factor (Roller-Raceway)	39.5
G2 - Heat Generation Factor (Rib-Roller End)	10.5
Cg - Geometry Factor	0.0808