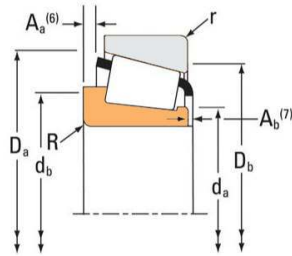
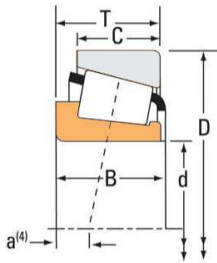




Shanghai Shengjie Bearing Co., Ltd.

TYPE TS



Timken 898 892CD Tapered roller bearing

Bearing No. 898

Series	895
Cone Part Number	898
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	204000 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	52800 lbf
d	5.5000 in
B - Cone Width	2.2500 in
R - Cone Backface To Clear Radius ³	0.14 in
da - Cone Frontface Backing Diameter	6.1 in
db - Cone Backface Backing Diameter	6.38 in
Ab - Cage-Cone Frontface Clearance	0.08 in
Aa - Cage-Cone Backface Clearance	0.19 in
a - Effective Center Location ⁴	-0.24 in
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	30300 lbf
C1 - Dynamic Radial Rating (1 million revolutions) ⁶	117000 lbf
C0 - Static Radial Rating	182000 lbf

898 Bearing 2D drawings and 3D CAD models



Shanghai Shengjie Bearing Co., Ltd.

C _{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷	21800 lbf
K - Factor ⁸	1.39
G1 - Heat Generation Factor (Roller-Raceway)	430.5
G2 - Heat Generation Factor (Rib-Roller End)	78.3
C _g - Geometry Factor	0.135