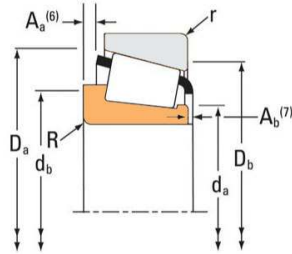




# Shanghai Shengjie Bearing Co., Ltd.

## TYPE TS



## Timken 82576 82951CD Tapered roller bearing

Bearing No. 82576

Series	82000
Cone Part Number	82576
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) <sup>1</sup>	202000 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) <sup>2</sup>	52300 lbf
d	5.7500 in
B - Cone Width	2.2300 in
R - Cone Backface To Clear Radius <sup>3</sup>	0.14 in
da - Cone Frontface Backing Diameter	6.3 in
db - Cone Backface Backing Diameter	6.54 in
Ab - Cage-Cone Frontface Clearance	0.12 in
Aa - Cage-Cone Backface Clearance	0.15 in
a - Effective Center Location <sup>4</sup>	-0.14 in
C90 - Dynamic Radial Rating (90 million revolutions) <sup>5</sup>	30000 lbf
C1 - Dynamic Radial Rating (1 million revolutions) <sup>6</sup>	116000 lbf
C0 - Static Radial Rating	182000 lbf

82576 Bearing 2D drawings and 3D CAD models



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C <sub>a90</sub> - Dynamic Thrust Rating (90 million revolutions) <sup>7</sup>	22700 lbf
K - Factor <sup>8</sup>	1.32
G1 - Heat Generation Factor (Roller-Raceway)	460.5
G2 - Heat Generation Factor (Rib-Roller End)	81.1
C <sub>g</sub> - Geometry Factor	0.141