



Shanghai Shengjie Bearing Co., Ltd.

TYPE TS



Timken X32007X Y32007X Tapered roller bearing

Bearing No. X32007X

X32007X Bearing 2D drawings and 3D CAD models

Series	32007X
Cone Part Number	X32007X
Design Units	METRIC
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	22100 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	5730 lbf
d	35.000 mm
B - Cone Width	18 mm
WPD	58.5 mm
DD	51.2 mm
R - Cone Backface To Clear Radius ³	1.020 mm
da - Cone Frontface Backing Diameter	41.5 mm
db - Cone Backface Backing Diameter	43 mm
Ab - Cage-Cone Frontface Clearance	1.8 mm
Aa - Cage-Cone Backface Clearance	0.3 mm
a - Effective Center Location ⁴	-2.5 mm
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	14600 N



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C1 - Dynamic Radial Rating (1 million revolutions) ⁶	56500 N
C0 - Static Radial Rating	57600 N
C _{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷	11400 N
K - Factor ⁸	1.29
G1 - Heat Generation Factor (Roller-Raceway)	16.7
G2 - Heat Generation Factor (Rib-Roller End)	15.7
Cg - Geometry Factor	0.0691