



# Shanghai Shengjie Bearing Co., Ltd.

## TYPE TS



## Timken JHM88540 JHM88513 Tapered roller bearing

Bearing No. JHM88540

JHM88540 Bearing 2D drawings and 3D CAD models

Series	HM88500
Cone Part Number	JHM88540
Design Units	METRIC
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) <sup>1</sup>	40400 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) <sup>2</sup>	10500 lbf
d	30 mm
B - Cone Width	27.783 mm
WPD	67.9 mm
DD	53.3 mm
R - Cone Backface To Clear Radius <sup>3</sup>	1.270 mm
da - Cone Frontface Backing Diameter	42.5 mm
db - Cone Backface Backing Diameter	44.5 mm
Ab - Cage-Cone Frontface Clearance	2.3 mm
Aa - Cage-Cone Backface Clearance	1.5 mm
a - Effective Center Location <sup>4</sup>	-5.6 mm
C90 - Dynamic Radial Rating (90 million revolutions) <sup>5</sup>	26700 N



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C1 - Dynamic Radial Rating (1 million revolutions) <sup>6</sup>	103000 N
C0 - Static Radial Rating	111000 N
C <sub>a90</sub> - Dynamic Thrust Rating (90 million revolutions) <sup>7</sup>	25000 N
K - Factor <sup>8</sup>	1.07
G1 - Heat Generation Factor (Roller-Raceway)	26.3
G2 - Heat Generation Factor (Rib-Roller End)	11.7
Cg - Geometry Factor	0.0857