

# NSK 54222 thrust ball bearings

What is NSK 54222 thrust ball bearings in METRIC Design Units mechanical engineering? Manufacturing Service . Upload HM88500 Series your CAD file for an instant.

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
C1 – Dynamic Radial Rating (1 million revolutions) <sup>6</sup>	103000 N
C0 – Static Radial Rating	111000 N

Ca90 – 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