

# Toyana 81230 thrust roller bearings

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Series	13600
Cone Part Number	13685
Cup Part Number	13624
Design Units	Imperial
Bearing Weight	0.30 Kg
Cage Type	Stamped Steel
d	38.1 mm
D	69.969 mm
B – Cone Width	19.050 mm
C – Cup Width	18.029 mm
B	21.996 mm
R – Cone Backface To Clear Radius <sup>1</sup>	3.560 mm
r – Cup Backface To Clear Radius <sup>2</sup>	1.52 mm
da – Cone Frontface Backing Diameter	42.93 mm
db – Cone Backface Backing Diameter	49.53 mm
Da – Cup Frontface Backing Diameter	66.00 mm
Db – Cup Backface Backing Diameter	60.96 mm
Ab – Cage-Cone Frontface Clearance	1.3 mm
Aa – Cage-Cone Backface Clearance	0.5 mm
a – Effective Center Location <sup>3</sup>	-3 mm
C90 – Dynamic Radial Rating (90 million revolutions) <sup>4</sup>	3920 lbf

C1 – Dynamic Radial Rating (1 million revolutions) <sup>5</sup>	15100 lbf
C0 – Static Radial Rating	15300 lbf
Ca90 – Dynamic Thrust Rating (90 million revolutions) <sup>6</sup>	2700 lbf
K – Factor <sup>7</sup>	1.45
e – ISO Factor <sup>8</sup>	0.4
Y – ISO Factor <sup>9</sup>	1.49
G1 – Heat Generation Factor (Roller-Raceway)	20.7
G2 – Heat Generation Factor (Rib-Roller End)	10.9
Cg – Geometry Factor	0.0713