

# KOYO UC313-40L3 deep groove ball bearings

KOYO UC313-40L3 deep groove ball bearings Engineering Calculator , Manufacturing Service . Get LM300849 Cone Part Number Your Free.

Cone Part Number	LM300849
Design Units	Imperial
Cage Type	Stamped Steel
C1 – Dynamic Radial Rating (Two-Row, 1 million revolutions) <sup>1</sup>	23100 lbf
C90(2) – Dynamic Radial Rating (Two-Row, 90 million revolutions) <sup>2</sup>	5990 lbf
d	1.6137 in
B – Cone Width	0.7087 in
R – Cone Backface To Clear Radius <sup>3</sup>	0.14 in
da – Cone Frontface Backing Diameter	1.79 in
db – Cone Backface Backing Diameter	2.05 in
Ab – Cage-Cone Frontface Clearance	0.08 in
Aa – Cage-Cone Backface Clearance	0.01 in
a – Effective Center Location <sup>4</sup>	-0.14 in
C90 – Dynamic Radial Rating (90 million revolutions) <sup>5</sup>	3440 lbf
C1 – Dynamic Radial Rating (1 million revolutions) <sup>6</sup>	13300 lbf
C0 – Static Radial Rating	14300 lbf
Ca90 – Dynamic Thrust Rating (90 million revolutions) <sup>7</sup>	2050 lbf
K – Factor <sup>8</sup>	1.68

G1 – Heat Generation Factor (Roller-Raceway)	22.5
G2 – Heat Generation Factor (Rib-Roller End)	18.1
Cg – Geometry Factor	0.0698