

ISO K25x30x13 needle roller bearings

Request METRIC Design Units A Quote For Your Special ISO K25x30x13 needle roller bearings Needs Today! Free Quotes. HM318400 Series ISO 9001 certified.

Series	HM318400
Cone Part Number	JHM318448
Design Units	METRIC
Cage Type	Stamped Steel
C1 – Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	153000 lbf
C90(2) – Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	39800 lbf
d	90 mm
B – Cone Width	44.000 mm
WPD	146.7 mm
DD	131.6 mm
R – Cone Backface To Clear Radius ³	3.050 mm
da – Cone Frontface Backing Diameter	100 mm
db – Cone Backface Backing Diameter	106 mm
Ab – Cage-Cone Frontface Clearance	3.8 mm
Aa – Cage-Cone Backface Clearance	0.8 mm
a – Effective Center Location ⁴	-9.9 mm
C90 – Dynamic Radial Rating (90 million revolutions) ⁵	102000 N
C1 – Dynamic Radial Rating (1 million revolutions) ⁶	392000 N
C0 – Static Radial Rating	447000 N

Ca90 – Dynamic Thrust Rating (90 million revolutions) ⁷	59400 N
K – Factor ⁸	1.71
G1 – Heat Generation Factor (Roller-Raceway)	179
G2 – Heat Generation Factor (Rib-Roller End)	32.4
Cg – Geometry Factor	0.0948