

# NBS HK 2530 2RS needle roller bearings

NBS HK 2530 2RS needle roller bearings Engineering Calculator , HH231615 Cup Part Number Manufacturing Service . Get Your Free. HH231600 Series

Series	HH231600
Cone Part Number	HH231649
Cup Part Number	HH231615
Design Units	Imperial
Bearing Weight	25.00 Kg
Cage Type	Stamped Steel
d	139.700 mm
D	295.275 mm
B – Cone Width	87.313 mm
C – Cup Width	57.150 mm
B	82.550 mm
R – Cone Backface To Clear Radius <sup>1</sup>	9.650 mm
r – Cup Backface To Clear Radius <sup>2</sup>	6.35 mm
da – Cone Frontface Backing Diameter	161.04 mm
db – Cone Backface Backing Diameter	177.04 mm
Da – Cup Frontface Backing Diameter	263.90 mm
Db – Cup Backface Backing Diameter	258.06 mm
Ab – Cage-Cone Frontface Clearance	2.3 mm
Aa – Cage-Cone Backface Clearance	11.9 mm
a – Effective Center Location <sup>3</sup>	-26.7 mm
C90 – Dynamic Radial Rating (90 million revolutions) <sup>4</sup>	66600 lbf

C1 – Dynamic Radial Rating (1 million revolutions) <sup>5</sup>	257000 lbf
C0 – Static Radial Rating	302000 lbf
Ca90 – Dynamic Thrust Rating (90 million revolutions) <sup>6</sup>	36300 lbf
K – Factor <sup>7</sup>	1.83
e – ISO Factor <sup>8</sup>	0.32
Y – ISO Factor <sup>9</sup>	1.88
G1 – Heat Generation Factor (Roller-Raceway)	601
G2 – Heat Generation Factor (Rib-Roller End)	57.7
Cg – Geometry Factor	0.108