

NSK 140RUB40APV spherical roller bearings

We Imperial Design Units work closely with our NSK 140RUB40APV spherical roller bearings manufacturing Pin-Type Cage Type partners to bring the HM161040 Cone Part Number best value to customers.

Cone Part Number	HM161040
Design Units	Imperial
Cage Type	Pin-Type
C1 – Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	1020000 lbf
C90(2) – Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	264000 lbf
d	12.2000 in
B – Cone Width	3.8750 in
R – Cone Backface To Clear Radius ³	0.25 in
da – Cone Frontface Backing Diameter	13.35 in
db – Cone Backface Backing Diameter	13.7 in
Ab – Cage-Cone Frontface Clearance	0.32 in
Aa – Cage-Cone Backface Clearance	0.07 in
a – Effective Center Location ⁴	-0.47 in
C90 – Dynamic Radial Rating (90 million revolutions) ⁵	152000 lbf
C1 – Dynamic Radial Rating (1 million revolutions) ⁶	585000 lbf
C0 – Static Radial Rating	848000 lbf
Ca90 – Dynamic Thrust Rating (90 million revolutions) ⁷	77900 lbf

K – Factor ⁸	1.95
G1 – Heat Generation Factor (Roller-Raceway)	3153.6
G2 – Heat Generation Factor (Rib-Roller End)	239.4
Cg – Geometry Factor	0.184