

ISO 303/22 tapered roller bearings

ISO 303/22 tapered roller bearings EE234160W Cone Part Number with easy-to-use parts graphics, giving you the 234000 Series ability to check parts availability, pricing, examine 234220 Cup Part Number remanufactured options.

Series	234000
Cone Part Number	EE234160W
Cup Part Number	234220
Design Units	Imperial
Bearing Weight	41.100 Kg
Cage Type	Stamped Steel
d	406.400 mm
D	558.800 mm
B – Cone Width	61.120 mm
C – Cup Width	44.450 mm
B	65.090 mm
R – Cone Backface To Clear Radius ¹	6.35 mm
r – Cup Backface To Clear Radius ²	6.35 mm
da – Cone Frontface Backing Diameter	424.94 mm
db – Cone Backface Backing Diameter	435.10 mm
Da – Cup Frontface Backing Diameter	519.90 mm
Db – Cup Backface Backing Diameter	515.87 mm
Ab – Cage-Cone Frontface Clearance	7.9 mm
Aa – Cage-Cone Backface Clearance	12.7 mm
a – Effective Center Location ³	35.6 mm

C90 – Dynamic Radial Rating (90 million revolutions) ⁴	63300 lbf
C1 – Dynamic Radial Rating (1 million revolutions) ⁵	244000 lbf
C0 – Static Radial Rating	451000 lbf
Ca90 – Dynamic Thrust Rating (90 million revolutions) ⁶	51600 lbf
K – Factor ⁷	1.23
e – ISO Factor ⁸	0.48
Y – ISO Factor ⁹	1.26
G1 – Heat Generation Factor (Roller-Raceway)	2782.9
G2 – Heat Generation Factor (Rib-Roller End)	448.6
Cg – Geometry Factor	0.202