

ISB GX 140 CP plain bearings

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Series	355
Cone Part Number	356
Cup Part Number	352X
Design Units	Imperial
Bearing Weight	0.8 Kg
Cage Type	Stamped Steel
d	30.163 mm
D	90.000 mm
B – Cone Width	21.692 mm
C – Cup Width	21.808 mm
B	23.005 mm
R – Cone Backface To Clear Radius ¹	0.760 mm
r – Cup Backface To Clear Radius ²	2.29 mm
da – Cone Frontface Backing Diameter	39.62 mm
db – Cone Backface Backing Diameter	39.88 mm
Da – Cup Frontface Backing Diameter	83.06 mm
Db – Cup Backface Backing Diameter	77.98 mm
Ab – Cage-Cone Frontface Clearance	2.3 mm
Aa – Cage-Cone Backface Clearance	0 mm
a – Effective Center Location ³	-4.8 mm
C ₉₀ – Dynamic Radial Rating (90 million revolutions) ⁴	4770 lbf
C ₁ – Dynamic Radial Rating (1 million revolutions) ⁵	18400 lbf

C0 – Static Radial Rating	20000 lbf
Ca90 – Dynamic Thrust Rating (90 million revolutions) ⁶	2500 lbf
K – Factor ⁷	1.91
e – ISO Factor ⁸	0.31
Y – ISO Factor ⁹	1.96
G1 – Heat Generation Factor (Roller-Raceway)	30
G2 – Heat Generation Factor (Rib-Roller End)	12.2
Cg – Geometry Factor	0.0732