

# ISB GEG 180 ET 2RS plain bearings

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Series	02400
Cone Part Number	02475
Cup Part Number	02419
Design Units	Imperial
Bearing Weight	0.30 Kg
Cage Type	Stamped Steel
d	31.750 mm
D	66.987 mm
B – Cone Width	22.225 mm
C – Cup Width	15.999 mm
B	20.503 mm
R – Cone Backface To Clear Radius <sup>1</sup>	3.560 mm
r – Cup Backface To Clear Radius <sup>2</sup>	1.52 mm
da – Cone Frontface Backing Diameter	38.61 mm
db – Cone Backface Backing Diameter	44.45 mm
Da – Cup Frontface Backing Diameter	62.00 mm
Db – Cup Backface Backing Diameter	58.93 mm
Ab – Cage-Cone Frontface Clearance	1.5 mm
Aa – Cage-Cone Backface Clearance	0.8 mm
a – Effective Center Location <sup>3</sup>	-5.1 mm
C90 – Dynamic Radial Rating (90 million revolutions) <sup>4</sup>	3720 lbf

C1 – Dynamic Radial Rating (1 million revolutions) <sup>5</sup>	14300 lbf
C0 – Static Radial Rating	15800 lbf
Ca90 – Dynamic Thrust Rating (90 million revolutions) <sup>6</sup>	2650 lbf
K – Factor <sup>7</sup>	1.4
e – ISO Factor <sup>8</sup>	0.42
Y – ISO Factor <sup>9</sup>	1.44
G1 – Heat Generation Factor (Roller-Raceway)	17.5
G2 – Heat Generation Factor (Rib-Roller End)	8.5
Cg – Geometry Factor	0.0681