

# SKF NJ 2309 ECP thrust ball bearings

SKF NJ 2309 ECP thrust ball bearings Needs 476 Cone Part Number Analysis , 472-B Cup Part Number Manufacturing Service . Get 475 Series Your Free.

Series	475
Cone Part Number	476
Cup Part Number	472-B
Design Units	Imperial
Bearing Weight	3.5 lb
Cage Type	Stamped Steel
d	2.3622 in
D	4.7244 in
D1 – Flange Outer Diameter	4.9384 in
B – Cone Width	1.1420 in
C – Cup Width	0.9542 in
C1 – Cup Flange Width	0.2180 in
T1 – Bearing Width	1.1730 in
T – Bearing Width to Flange	0.4368 in
R – Cone Backface To Clear Radius1	0.080 in
r – Cup Backface To Clear Radius2	0.030 in
da – Cone Frontface Backing Diameter	2.72 in
db – Cone Backface Backing Diameter	2.87 in
Da – Cup Frontface Backing Diameter	4.56 in
Ab – Cage-Cone Frontface Clearance	0.12 in
Aa – Cage-Cone Backface Clearance	0.04 in
a – Effective Center Location3	-0.16 in

C90 – Dynamic Radial Rating (90 million revolutions) <sup>4</sup>	8360 lbf
C1 – Dynamic Radial Rating (1 million revolutions) <sup>5</sup>	32200 lbf
C0 – Static Radial Rating	41900 lbf
Ca90 – Dynamic Thrust Rating (90 million revolutions) <sup>6</sup>	5500 lbf
K – Factor <sup>7</sup>	1.52
e – ISO Factor <sup>8</sup>	0.38
Y – ISO Factor <sup>9</sup>	1.56
G1 – Heat Generation Factor (Roller-Raceway) <sup>10</sup>	77.2
G2 – Heat Generation Factor (Rib-Roller End)	23
Cg – Geometry Factor <sup>11</sup>	0.108