ISO NF30/530 cylindrical roller bearings

ISO NF30/530 cylindrical roller bearings Product Brochures , 14000 Series Manufacturing Service . Get Your Free.

Series	14000
Cone Part Number	14118
Cup Part Number	14276-B
Design Units	Imperial
Bearing Weight	0.5 lb
Cage Type	Stamped Steel
d	1.1811 in
D	2.7170 in
D1 — Flange Outer Diameter	2.8690 in
B — Cone Width	0.7560 in
C — Cup Width	0.6250 in
C1 — Cup Flange Width	0.1560 in
T1 — Bearing Width	0.7813 in
T — Bearing Width to Flange	0.3123 in
R — Cone Backface To Clear Radius1	0.03 in
r — Cup Backface To Clear Radius2	0.030 in
da — Cone Frontface Backing Diameter	1.44 in
db — Cone Backface Backing Diameter	1.46 in
Da — Cup Frontface Backing Diameter	2.60 in
Ab — Cage-Cone Frontface Clearance	0.09 in
Aa — Cage-Cone Backface Clearance	0.02 in
a — Effective Center Location3	-0.17 in

C90 — Dynamic Radial Rating (90 million revolutions)4	3180 lbf
C1 — Dynamic Radial Rating (1 million revolutions)5	12300 lbf
CO — Static Radial Rating	13900 lbf
Ca90 — Dynamic Thrust Rating (90 million revolutions)6	2080 lbf
K - Factor7	1.53
e - ISO Factor8	0.38
Y - ISO Factor9	1.57
G1 — Heat Generation Factor (Roller-Raceway)10	18
G2 — Heat Generation Factor (Rib-Roller End)	9.4
Cg — Geometry Factor11	0.0668