

SNR 7024CVDUJ74 angular contact ball bearings

SNR 7024CVDUJ74 angular contact ball bearings Needs Analysis 32024XC Series , Manufacturing Service . X32024XCM Cone Part Number Get Your Free.

Series	32024XC
Cone Part Number	X32024XCM
Cup Part Number	Y32024XCM
Design Units	METRIC
Bearing Weight	3.3 Kg
Cage Type	Stamped Steel
d	120 mm
D	180 mm
B – Cone Width	38.000 mm
C – Cup Width	29.000 mm
B	38.000 mm
R – Cone Backface To Clear Radius ¹	2.540 mm
r – Cup Backface To Clear Radius ²	2.03 mm
da – Cone Frontface Backing Diameter	130.05 mm
db – Cone Backface Backing Diameter	135.89 mm
Da – Cup Frontface Backing Diameter	174.00 mm
Db – Cup Backface Backing Diameter	165.10 mm
Ab – Cage-Cone Frontface Clearance	4.06 mm
Aa – Cage-Cone Backface Clearance	1.78 mm
a – Effective Center Location ³	1.8 mm
C90 – Dynamic Radial Rating (90 million revolutions) ⁴	75300 N

C1 – Dynamic Radial Rating (1 million revolutions) ⁵	290000 N
C0 – Static Radial Rating	464000 N
Ca90 – Dynamic Thrust Rating (90 million revolutions) ⁶	59100 N
K – Factor ⁷	1.27
e – ISO Factor ⁸	0.46
Y – ISO Factor ⁹	1.31
G1 – Heat Generation Factor (Roller-Raceway)	255.2
G2 – Heat Generation Factor (Rib-Roller End)	66.5
Cg – Geometry Factor	0.11