

Ruville 5807 wheel bearings

What 30214 Series are the types of Ruville 5807 wheel bearings ? Manufacturing Service . Get Your Free, Instant price, design review.

Series	30214
Cone Part Number	X30214
Design Units	METRIC
Cage Type	Stamped Steel
C1 – Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	54100 lbf
C90(2) – Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	14000 lbf
d	70 mm
B – Cone Width	24.000 mm
WPD	115.9 mm
DD	106.9 mm
R – Cone Backface To Clear Radius ³	2.030 mm
da – Cone Frontface Backing Diameter	77 mm
db – Cone Backface Backing Diameter	80 mm
Ab – Cage-Cone Frontface Clearance	4.6 mm
Aa – Cage-Cone Backface Clearance	1.3 mm
a – Effective Center Location ⁴	-0.5 mm
C90 – Dynamic Radial Rating (90 million revolutions) ⁵	35800 N
C1 – Dynamic Radial Rating (1 million revolutions) ⁶	138000 N
C0 – Static Radial Rating	157000 N

Ca90 – Dynamic Thrust Rating (90 million revolutions) ⁷	25700 N
K – Factor ⁸	1.39
G1 – Heat Generation Factor (Roller-Raceway)	63.7
G2 – Heat Generation Factor (Rib-Roller End)	24.8
Cg – Geometry Factor	0.0714