

Loyal Automated robot bearing RB2508

Loyal Automated robot bearing RB2508 Needs KJHM720249 Cone Part Number Analysis , HM720200 Series Manufacturing Service . Get Your Free.

Series	HM720200
Cone Part Number	KJHM720249
Cup Part Number	KJHM720210
Design Units	METRIC
Bearing Weight	3.0 Kg
Cage Type	Stamped Steel
d	100 mm
D	160.000 mm
B – Cone Width	40.000 mm
C – Cup Width	32.000 mm
B	41.000 mm
R – Cone Backface To Clear Radius ¹	3.050 mm
r – Cup Backface To Clear Radius ²	2.54 mm
da – Cone Frontface Backing Diameter	109.22 mm
db – Cone Backface Backing Diameter	117.09 mm
Da – Cup Frontface Backing Diameter	154.43 mm
Db – Cup Backface Backing Diameter	143.00 mm
Ab – Cage-Cone Frontface Clearance	4.3 mm
Aa – Cage-Cone Backface Clearance	2.8 mm
a – Effective Center Location ³	-2.5 mm
C90 – Dynamic Radial Rating (90 million revolutions) ⁴	85800 N

C1 – Dynamic Radial Rating (1 million revolutions) ⁵	331000 N
C0 – Static Radial Rating	416000 N
Ca90 – Dynamic Thrust Rating (90 million revolutions) ⁶	69100 N
K – Factor ⁷	1.24
e – ISO Factor ⁸	0.47
Y – ISO Factor ⁹	1.28
G1 – Heat Generation Factor (Roller-Raceway)	187.7
G2 – Heat Generation Factor (Rib-Roller End)	45.3
Cg – Geometry Factor	0.101