

Loyal RKS.302070202001 Customized four-point contact ball slewing bearing with an external gear

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Cone Part Number	LM11749
Design Units	Imperial
Cage Type	Stamped Steel
C1 – Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	11500 lbf
C90(2) – Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	2980 lbf
d	0.6875 in
B – Cone Width	0.5750 in
R – Cone Backface To Clear Radius ³	0.050 in
da – Cone Frontface Backing Diameter	0.87 in
db – Cone Backface Backing Diameter	0.94 in
Ab – Cage-Cone Frontface Clearance	0.05 in
Aa – Cage-Cone Backface Clearance	0 in
a – Effective Center Location ⁴	-0.2 in
C90 – Dynamic Radial Rating (90 million revolutions) ⁵	1710 lbf
C1 – Dynamic Radial Rating (1 million revolutions) ⁶	6600 lbf

C0 – Static Radial Rating	5260 lbf
Ca90 – Dynamic Thrust Rating (90 million revolutions) ⁷	838 lbf
K – Factor ⁸	2.04
G1 – Heat Generation Factor (Roller-Raceway)	4.8
G2 – Heat Generation Factor (Rib-Roller End)	4.74
Cg – Geometry Factor	0.0392