

NSK 2582/2523 tapered roller bearings

NSK 2582/2523 tapered roller bearings, LM714100 Series Units METRIC Design Units and Housings CAD models , Manufacturing Service . Get Your Free.

Series	LM714100
Cone Part Number	JLM714149A
Design Units	METRIC
Cage Type	Stamped Steel
C1 – Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	54900 lbf
C90(2) – Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	14200 lbf
d	75.000 mm
B – Cone Width	25.000 mm
WPD	109.4 mm
DD	99 mm
R – Cone Backface To Clear Radius ³	5.080 mm
da – Cone Frontface Backing Diameter	82 mm
db – Cone Backface Backing Diameter	92 mm
Ab – Cage-Cone Frontface Clearance	2.8 mm
Aa – Cage-Cone Backface Clearance	1.5 mm
a – Effective Center Location ⁴	0.5 mm
C90 – Dynamic Radial Rating (90 million revolutions) ⁵	36400 N
C1 – Dynamic Radial Rating (1 million revolutions) ⁶	140000 N
C0 – Static Radial Rating	167000 N

Ca90 – Dynamic Thrust Rating (90 million revolutions) ⁷	28600 N
K – Factor ⁸	1.27
G1 – Heat Generation Factor (Roller-Raceway)	76.3
G2 – Heat Generation Factor (Rib-Roller End)	33.7
Cg – Geometry Factor	0.114