

# JNS RNA 69/28 needle roller bearings

JNS RNA 69/28 needle roller bearings SKF Manufacturer Name N/A Minimum Buy Quantity with easy-to-use parts graphics, giving you the ability 0.0 Inventory to check parts availability, pricing, examine remanufactured options.

Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	1.93
EAN	7316571251967
Product Group	B00152
Enclosure	Open
Flush Ground	No
Rolling Element	Ball Bearing
Number of Rows of Balls	Double Row
Precision Class	ABEC 3   ISO P6
Maximum Capacity / Filling Slot	No
Snap Ring	Yes
Cage Material	Brass
Contact Angle	40 Degree
Internal Clearance	CB
Number of Bearings	1 (Single)
Inch – Metric	Metric
Long Description	50MM Bore; 110MM Outside Diameter; 44.4MM Width; Open; No Flush Ground; Ball Bearing; Double Row of

Other Features	Split Inner Race   Normal Axial Internal Clearance
UNSPSC	31171531
Harmonized Tariff Code	8482.10.50.28
Noun	Bearing
Keyword String	Angular Contact
Manufacturer Item Number	3310 DNRCBM
Weight / LBS	4.255
d	50 mm
D	110 mm
B	44.4 mm
bore diameter:	50 mm
radial static load capacity:	69.5 kN
outside diameter:	110 mm
cage material:	Brass
overall width:	1.7500 in
outer ring width:	44.4 mm
contact angle:	40 °
maximum rpm:	5600 RPM
row type & fill slot:	Double-Row Non-Fill Slot
finish/coating:	Uncoated
internal clearance:	C0
precision rating:	Not Rated
closure type:	Open
fillet radius:	2 mm
radial dynamic load capacity:	81.9 kN
series:	33
d1 ≈	74.6 mm
D1 ≈	96.37 mm

D3	106.8 mm
D4	116.6 mm
C	3.28 mm
b	2.7 mm
f	2.46 mm
r $\theta$ max.	0.6 mm
r <sub>1,2</sub> min.	2 mm
a	102 mm
da min.	61 mm
ra max.	2 mm
Basic dynamic load rating C	81.9 kN
Basic static load rating C $\theta$	69.5 kN
Fatigue load limit Pu	3 kN
Reference speed	6700 r/min
Limiting speed	5600 r/min
Calculation factor k <sub>r</sub>	0.095
Calculation factor e	1.14
Calculation factor X	0.57
Calculation factor Y $\theta$	0.52
Calculation factor Y <sub>1</sub>	0.55
Calculation factor Y <sub>2</sub>	0.93
Mass bearing	1.95 kg