

NSK R420-2 cylindrical roller bearings

Various types and sizes to accommodate your 100x55x21 Size (mm) NSK R420-2 cylindrical roller bearings requirements. 55 Outer Diameter (mm)

Size (mm)	100x55x21
Bore Diameter (mm)	100
Outer Diameter (mm)	55
Width (mm)	21
d	55 mm
D	100 mm
B	21 mm
d1	69.06 mm
D2	89.4 mm
r1,2 – min.	1.5 mm
da – min.	64 mm
da – max.	68.9 mm
Da – max.	91 mm
ra – max.	1.5 mm
Basic dynamic load rating – C	48.4 kN
Basic static load rating – C0	44 kN
Fatigue load limit – Pu	1.9 kN
Reference speed	12000 r/min
Limiting speed	7000 r/min
Calculation factor – kr	0.04
Inventory	0.0
Manufacturer Name	SKF

Minimum Buy Quantity	N/A
Weight / Kilogram	0.696
EAN	7316576679797
Product Group	B00308
Enclosure	1 Metal Shield
Precision Class	ABEC 1 ISO P0
Maximum Capacity / Filling Slot	Yes
Rolling Element	Ball Bearing
Snap Ring	No
Internal Special Features	No
Cage Material	Steel
Internal Clearance	C0-Medium
Inch – Metric	Metric
Long Description	55MM Bore; 100MM Outside Diameter; 21MM Outer Race Diameter; 1 Metal Shield; Ball Bearing; ABEC 1
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Ball
Manufacturer Item Number	211 Z
Weight / LBS	1.49
Outer Race Width	0.827 Inch 21 Millimeter
Bore	2.165 Inch 55 Millimeter
Outside Diameter	3.937 Inch 100 Millimeter
bore diameter:	55 mm
static load capacity:	44 kN
outside diameter:	100 mm
precision rating:	ABEC 3 (ISO Class 6)

overall width:	21 mm
finish/coating:	Uncoated
bore type:	Round
cage material:	Steel
closure type:	Single Shield
outer ring width:	21 mm
row type & fill slot:	Single Row Filling Slot
fillet radius:	1.5 mm
snap ring included:	Without Snap Ring
maximum rpm:	7000 RPM
internal clearance:	C0
series:	21
dynamic load capacity:	48.4 kN
thrust application warning:	This product can not be used in Thrust Applications
d1 ≈	69.06 mm
D2 ≈	89.4 mm
r1,2 min.	1.5 mm
da min.	64 mm
da max.	68.9 mm
Da max.	91 mm
ra max.	1.5 mm
Basic dynamic load rating C	48.4 kN
Basic static load rating C0	44 kN
Fatigue load limit Pu	1.86 kN
Calculation factor kr	0.04
Mass bearing	0.66 kg