

# Loyal RKS.061.25.1424 Medium size four-point contact ball slewing bearing with an external gear

Loyal RKS.061.25.1424 Medium size four-point contact ball slewing bearing with an external gear with easy-to-use parts 55 mm d graphics, giving 90 mm D you the ability to check parts availability, pricing, examine remanufactured options.

d	55 mm
D	90 mm
B	18 mm
rs min	1.1 mm
Radial clearance class	C3
Mass	0.39 kg
Dynamic load, C	28.3 kN
Static load, C0	21.2 kN
Fatigue limit load, Cu	0.96 kN
f0	15.3
Nlim (grease)	7,700 rpm
Min operating temperature, Tmin	-25 °C
Max operating temperature, Tmax	110 °C
Characteristic cage frequency, FTF	0.43 Hz
Characteristic rolling element frequency, BSF	6.88 Hz
Characteristic outer ring frequency, BPF0	5.58 Hz

Characteristic inner ring frequency, BPII	7.42 Hz
da min	61.5 mm
da max	64 mm
Da max	83.5 mm
ra max	1 mm
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.388
Product Group	B00308
Enclosure	2 Seals
Precision Class	ABEC 1   ISO P0
Maximum Capacity / Filling Slot	No
Rolling Element	Ball Bearing
Snap Ring	No
Internal Special Features	No
Cage Material	Steel
Enclosure Type	Non-Contact Seal
Internal Clearance	C3-Loose
Inch – Metric	Metric
Long Description	55MM Bore; 90MM Outside Diameter; 18MM Outer Race Width; 2 Seals; Ball Bearing; ABEC 1   ISO P0; No
Other Features	Deep Groove   Non-Friction Nitrile Rubber Seal   Prelubricated
UNSPSC	31171504

Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Ball
Weight / LBS	0.85539
Outer Race Width	0.709 Inch   18 Millimeter
Inner Race Width	0 Inch   0 Millimeter
Outside Diameter	3.543 Inch   90 Millimeter
Bore	2.165 Inch   55 Millimeter