

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, C ₀	21.2 kN
Fatigue limit load, C _u	0.96 kN
f ₀	15.3
N _{lim} (grease)	7,700 rpm
Min operating temperature, T _{min}	-25 °C
Max operating temperature, T _{max}	110 °C
Characteristic cage frequency, FTF	0.43 Hz
Characteristic rolling element frequency, BSF	6.88 Hz
Characteristic outer ring frequency, BPF ₀	5.58 Hz

Characteristic inner ring frequency, BPI	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