

ZEN MR83-2Z deep groove ball bearings

ZEN MR83-2Z deep groove ball bearings with easy-to-use parts graphics, giving you the ability to check parts 70 mm d availability, pricing, examine remanufactured options.

d	70 mm
D	125 mm
B	24 mm
rs min	1.5 mm
Radial clearance class	C3
Mass	1.07 kg
Dynamic load, C	62 kN
Static load, C ₀	44 kN
Fatigue limit load, C _u	2 kN
f ₀	14.5
N _{lim} (oil)	6,000 rpm
N _{lim} (grease)	5,100 rpm
Min operating temperature, T _{min}	-60 °C
Characteristic cage frequency, FTF	0.41 Hz
Characteristic rolling element frequency, BSF	5.4 Hz
Characteristic outer ring frequency, BPF ₀	4.1 Hz
Characteristic inner ring frequency, BPF _I	5.9 Hz
da min	78 mm
Da max	117 mm
ra max	1.5 mm

Inventory	2.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	1.07
EAN	4547359568936
Product Group	B00308
Enclosure	Open
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
Internal Clearance	C3-Loose
Inch – Metric	Metric
Long Description	70MM Bore; 125MM Outside Diameter; 24MM Outer Race Diameter; Open; Ball Bearing; ABEC 1 ISO P0; No
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Ball
Manufacturer Item Number	6214C3
Weight / LBS	2.36
Outside Diameter	4.921 Inch 125 Millimeter
Bore	2.756 Inch 70 Millimeter

Outer Race Width	0.945 Inch 24 Millimeter
bore diameter:	70 mm
precision rating:	Class 0
outside diameter:	125 mm
finish/coating:	Uncoated
overall width:	24 mm
bearing material:	High Carbon Chrome Steel
bore type:	Round
cage material:	Steel
closure type:	Open
inner ring width:	24 mm
row type & fill slot:	Single Row Non-Fill Slot
outer ring width:	24 mm
snap ring included:	Without Snap Ring
maximum rpm (grease):	5100 rpm
internal clearance:	C3
maximum rpm (oil):	6000 rpm
operating temperature range:	-40 to 120 °C
fillet radius:	1.5 mm
dynamic load capacity:	62000 N
manufacturer product page:	Click here
static load capacity:	44000 N