

# KOYO 53200 thrust ball bearings

Our highly-skilled and factory-trained service experts have the resources to help you with all your KOYO 53200 thrust ball bearings needs – including routine maintenance, 105 mm d major repairs, warranty 26 mm B service, and equipment inspections.

d	105 mm
D	160 mm
B	26 mm
rs min	2 mm
Radial clearance class	CN
Mass	1.59 kg
Dynamic load, C	72.5 kN
Static load, C <sub>0</sub>	65.5 kN
Fatigue limit load, C <sub>u</sub>	2.6 kN
f <sub>0</sub>	15.8
N <sub>lim</sub> (oil)	4,700 rpm
N <sub>lim</sub> (grease)	4,000 rpm
Min operating temperature, T <sub>min</sub>	-20 °C
Max operating temperature, T <sub>max</sub>	120 °C
Characteristic cage frequency, FTF	0.44 Hz
Characteristic rolling element frequency, BSF	7.82 Hz
Characteristic outer ring frequency, BPF <sub>0</sub>	6.56 Hz
Characteristic inner ring frequency, BPF <sub>I</sub>	8.44 Hz
da min	114 mm

Da max	151 mm
ra max	2 mm
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	1.6
EAN	4547359337150
Product Group	B04270
Enclosure	Open
Precision Class	ABEC 5   ISO P5
Material – Ball	Steel
Number of Bearings	1 (Single)
Contact Angle	0 Degree
Preload	None
Raceway Style	Not Applicable
Cage Material	Steel
Rolling Element	Ball Bearing
Flush Ground	No
Inch – Metric	Metric
Other Features	Single Row   Deep Groove
Long Description	105MM Bore; 160MM Outside Diameter; 26MM Width; Open Enclosure; ABEC 5   ISO P5 Precision; Steel Ball
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Deep Groove Ball
Manufacturer Item Number	6021P5

Weight / LBS	3.527
Width	1.024 Inch   26 Millimeter
Outside Diameter	6.299 Inch   160 Millimeter
Bore	4.134 Inch   105 Millimeter
bore diameter:	105 mm
precision rating:	ISO Class 5
outside diameter:	160 mm
finish/coating:	Uncoated
overall width:	26 mm
bearing material:	High Carbon Chrome Steel
bore type:	Round
cage material:	Steel
closure type:	Open
inner ring width:	26 mm
row type & fill slot:	Single Row Non-Fill Slot
outer ring width:	26 mm
snap ring included:	Without Snap Ring
maximum rpm (grease):	4000 rpm
internal clearance:	CN
maximum rpm (oil):	4700 rpm
operating temperature range:	-40 to 120 °C
fillet radius:	2 mm
dynamic load capacity:	72500 N
manufacturer product page:	<a href="#">Click here</a>
static load capacity:	65500 N