

# Timken 2578/2523-B tapered roller bearings

What are the dimensions of a Timken 2578/2523-B tapered roller bearings? Manufacturing Service 215 mm D . Get Your Free, Instant Quote  100 mm d

d	100 mm
D	215 mm
B	47 mm
E	185.5 mm
F	129.5 mm
rs min	3 mm
r1s min	3 mm
Radial clearance class	C3
Mass (without HJ ring)	7.89 kg
Dynamic load, C	299 kN
Static load, C0	335 kN
Fatigue limit load, Cu	35.6 kN
Nlim (oil)	3,800 rpm
Nlim (grease)	3,300 rpm
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.41 Hz
Characteristic rolling element frequency, BSF	5.45 Hz
Characteristic outer ring frequency, BPF0	5.34 Hz

Characteristic inner ring frequency, BPI	7.66 Hz
da min	113 mm
da max	125 mm
db min	132 mm
Da max	202 mm
ra max	2.5 mm
r1a max	2.5 mm
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	7.4
EAN	4547359147575
Product Group	B04144
Bore Profile	Straight
Cage Material	Steel
Precision Class	RBEC 1   ISO P0
Number of Rows of Rollers	Single Row
Separable	Inner Ring – Both Sides
Rolling Element	Cylindrical Roller Bearing
Profile	Complete with Outer and Inner Ring
Snap Ring	No
Internal Clearance	C3-Loose
Retainer	Yes
Relubricatable	Yes
Inch – Metric	Metric
Other Features	Plain Inner Ring   2 Rib Outer Ring   Cage On Outer Ring ID

Long Description	100MM Bore; Straight Bore Profile; 215MM Outside Diameter; 47MM Width; Steel Cage Material; RBEC 1
UNSPSC	31171547
Harmonized Tariff Code	8482.50.00.00
Noun	Bearing
Manufacturer Item Number	NU320C3
Weight / LBS	16.288
Outside Diameter	8.465 Inch   215 Millimeter
Bore	3.937 Inch   100 Millimeter
Width	1.85 Inch   47 Millimeter
bore diameter:	100 mm
precision rating:	ISO Class 0
outside diameter:	215 mm
maximum rpm:	3800 rpm
overall width:	47 mm
bearing material:	Hardened Alloy Steel
flanges:	(2) Outer Ring
cage material:	Pressed Steel
bore type:	Straight
finish/coating:	Uncoated
number of rows:	1
closure type:	Open
internal clearance:	C3
outer ring width:	47 mm
ring separation:	Separable Inner Ring

fillet radius:	2.5 mm
operating temperature range:	-40 to 120 °C
series:	NU
dynamic load capacity:	299000 N
manufacturer product page:	<a href="#">Click here</a>
static load capacity:	335000 N