

# FBJ 665/653 tapered roller bearings

FBJ 665/653 tapered roller bearings with easy-to-use parts graphics, giving you the ability to 32 mm D check parts availability, 12 mm d pricing, examine remanufactured options.

d	12 mm
D	32 mm
B	10 mm
rs min	0.6 mm
Radial clearance class	CM
Mass	0.04 kg
Dynamic load, C	6.1 kN
Static load, C <sub>0</sub>	2.75 kN
Fatigue limit load, C <sub>u</sub>	0.13 kN
f <sub>0</sub>	12.7
N <sub>lim</sub> (oil)	26,000 rpm
N <sub>lim</sub> (grease)	22,000 rpm
Min operating temperature, T <sub>min</sub>	-20 °C
Max operating temperature, T <sub>max</sub>	120 °C
Characteristic cage frequency, FTF	0.37 Hz
Characteristic rolling element frequency, BSF	3.71 Hz
Characteristic outer ring frequency, BPF <sub>0</sub>	2.62 Hz
Characteristic inner ring frequency, BPF <sub>I</sub>	4.38 Hz
da min	16 mm
Da max	28 mm

ra max	0.6 mm
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.037
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	Special
Inch – Metric	Metric
Long Description	12MM Bore; 32MM Outside Diameter; 10MM Outer Race Width; Open; Ball Bearing; ABEC 1   ISO P0; No Fil
Other Features	Deep Groove
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Ball
Weight / LBS	0.08598
Outer Race Width	0.394 Inch   10 Millimeter
Inner Race Width	0 Inch   0 Millimeter
Bore	0.472 Inch   12 Millimeter
Outside Diameter	1.26 Inch   32 Millimeter