

# ISO 22238W33 spherical roller bearings

ISO 22238W33 spherical roller bearings, Units 30 mm d and Housings 19 mm B CAD models , Manufacturing Service 72 mm D .  
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d	30 mm
D	72 mm
B	19 mm
rs min	1.1 mm
Radial clearance class	C2
Mass	0.36 kg
Dynamic load, C	26.7 kN
Static load, C <sub>0</sub>	15 kN
Fatigue limit load, C <sub>u</sub>	0.68 kN
f <sub>0</sub>	13.3
N <sub>lim</sub> (oil)	12,000 rpm
N <sub>lim</sub> (grease)	10,000 rpm
Min operating temperature, T <sub>min</sub>	-20 °C
Max operating temperature, T <sub>max</sub>	120 °C
Characteristic cage frequency, FTF	0.39 Hz
Characteristic rolling element frequency, BSF	4.14 Hz
Characteristic outer ring frequency, BPF <sub>0</sub>	3.08 Hz
Characteristic inner ring frequency, BRFI	4.92 Hz
da min	36.5 mm
Da max	65.5 mm

ra max	1 mm
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.35
EAN	4547359575118
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	C2-Snug
Inch – Metric	Metric
Long Description	30MM Bore; 72MM Outside Diameter; 19MM 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	6306UC2
Weight / LBS	0.762
Outer Race Width	0.748 Inch   19 Millimeter
Bore	1.181 Inch   30 Millimeter
Outside Diameter	2.835 Inch   72 Millimeter