

AST 51412M thrust ball bearings

AST 51412M thrust ball bearings with easy-to-use parts graphics, giving you the ability to check 25 mm d parts 9 mm B availability, pricing, examine remanufactured options.

d	25 mm
D	42 mm
B	9 mm
rs min	0.3 mm
Radial clearance class	C3
Mass	0.04 kg
Dynamic load, C	7.05 kN
Static load, C ₀	4.55 kN
Fatigue limit load, C _u	0.21 kN
f ₀	15.4
N _{lim} (grease)	9,800 rpm
Min operating temperature, T _{min}	-25 °C
Max operating temperature, T _{max}	110 °C
Characteristic cage frequency, FTF	0.43 Hz
Characteristic rolling element frequency, BSF	6.89 Hz
Characteristic outer ring frequency, BPF ₀	5.58 Hz
Characteristic inner ring frequency, BRFI	7.42 Hz
da min	27 mm
da max	29 mm

Da max	40 mm
ra max	0.3 mm
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.043
Product Group	B00308
Enclosure	2 Seals
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
Enclosure Type	Contact Seal
Internal Clearance	C3-Loose
Inch – Metric	Metric
Long Description	25MM Bore; 42MM Outside Diameter; 9MM Outer Race Width; 2 Seals; Ball Bearing; ABEC 1 ISO P0; No F
Other Features	Deep Groove Double Lip Friction Nitrile Rubber Seal -20 To 120 Deg C Prelubricated
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Ball

Weight / LBS	0.095
Bore	0.984 Inch 25 Millimeter
Inner Race Width	0 Inch 0 Millimeter
Outer Race Width	0.354 Inch 9 Millimeter
Outside Diameter	1.654 Inch 42 Millimeter