

# NMB L-1790ZZ deep groove ball bearings

NMB L-1790ZZ deep groove ball bearings 85x180x41 Size (mm)  
Deal is your source for OEM and accessories. 85 Bore Diameter (mm) We sell 180 Outer Diameter (mm) Genuine at discount prices.

Size (mm)	85x180x41
Bore Diameter (mm)	85
Outer Diameter (mm)	180
Width (mm)	41
d	85 mm
D	180 mm
B	41 mm
C	41 mm
r min.	3 mm
da min.	98 mm
da max	112 mm
Da max.	167 mm
ra max.	2,5 mm
Weight	4,23 Kg
Basic dynamic load rating (C)	133 kN
Basic static load rating (C0)	97 kN
(Grease) Lubrication Speed	3 800 r/min
(Oil) Lubrication Speed	4 500 r/min
rs min	3 mm
Radial clearance class	CN
Mass	4.23 kg

Dynamic load, C	133 kN
Static load, C0	97 kN
Fatigue limit load, Cu	3.85 kN
f0	13.3
Nlim (oil)	4,500 rpm
Nlim (grease)	3,800 rpm
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.39 Hz
Characteristic rolling element frequency, BSF	4.16 Hz
Characteristic outer ring frequency, BPF0	3.09 Hz
Characteristic inner ring frequency, BPI	4.91 Hz
da min	98 mm
Da max	167 mm
ra max	2.5 mm
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	4.204
EAN	4547359005899
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	C0-Medium
Inch – Metric	Metric
Long Description	85MM Bore; 180MM Outside Diameter; 41MM Outer Race Width; Open; Ball Bearing; ABEC 1   ISO P0; No Fi
Other Features	Deep Groove
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Ball
Weight / LBS	9.33
Outside Diameter	7.087 Inch   180 Millimeter
Outer Race Width	1.614 Inch   41 Millimeter
Bore	3.346 Inch   85 Millimeter
Inner Race Width	0 Inch   0 Millimeter
bore diameter:	85 mm
precision rating:	Class 0
outside diameter:	180 mm
finish/coating:	Uncoated
overall width:	41 mm
bearing material:	High Carbon Chrome Steel
bore type:	Round
cage material:	Steel
closure type:	Open

inner ring width:	41 mm
row type & fill slot:	Single Row Non-Fill Slot
outer ring width:	41 mm
snap ring included:	Without Snap Ring
maximum rpm (grease):	3800 rpm
internal clearance:	CN
maximum rpm (oil):	4500 rpm
operating temperature range:	-40 to 120 °C
fillet radius:	3 mm
dynamic load capacity:	133000 N
manufacturer product page:	<a href="#">Click here</a>
static load capacity:	97000 N