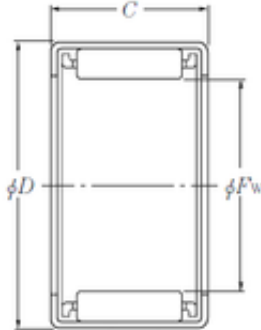




# NTN Bearing Manufacturing

## NTN HK0910 needle roller bearings



HK0910 Bearing 2D drawings and 3D CAD models

Bearing No. HK0910

Size	9x13x10 mm
Bore Diameter	9 mm
Outer Diameter	13 mm
Width	10 mm
Fw	9 mm
D	13 mm
C	10 mm
Weight	0.0035 Kg
Basic dynamic load rating (C)	4,75 kN
Basic static load rating (C0)	5,3 kN
(Grease) Lubrication Speed	18 000 r/min
Dw	1.5 mm
Lw	6.8 mm
Lubrication hole on outer ring	Non/No
Inner ring reference	IR6X9X12
Mass	0.0035 kg
Cr	4.75 kN
C0r	5.3 kN
Nlim (grease)	18,000 rpm
Nlim (oil)	27,000 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.43 Hz



## NTN Bearing Manufacturing

Characteristic rolling element frequency, BSF	6.86 Hz
Characteristic outer ring frequency, BPF0	6 Hz
Characteristic inner ring frequency, BPF1	8 Hz
Category	Roller Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.003
EAN	4547359474565
Product Group	B04144
bore diameter:	9 mm
static load capacity:	5300 N
outside diameter:	13 mm
bearing material:	Steel
overall width:	10 mm
cage material:	Steel
drawn cup type:	Open Ends
maximum rpm:	27000 rpm
closure type:	Open
precision rating:	ISO Class 0
number of rows:	One
series:	HK
operating temperature range:	-40 to 250 ° F, -40 to 120 ° C
lubrication hole type:	No Hole
dynamic load capacity:	4750 N