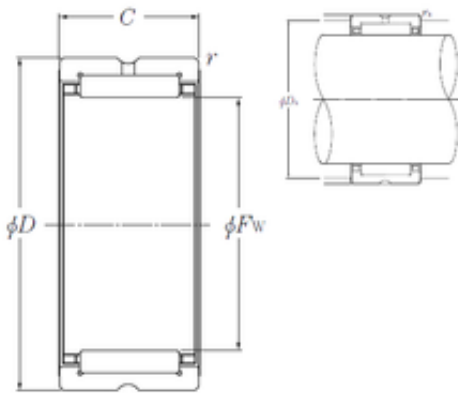




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NK50/35R Bearing 2D drawings and 3D CAD models

NTN NK50/35R needle roller bearings

Bearing No. NK50/35R

Size	50x62x35 mm
Bore Diameter	50 mm
Outer Diameter	62 mm
Width	35 mm
Fw	50 mm
D	62 mm
C	35 mm
r min.	0,6 mm
Da max.	58 mm
ra max.	0,6 mm
Weight	0,221 Kg
Basic dynamic load rating (C)	51 kN
Basic static load rating (C0)	106 kN
(Grease) Lubrication Speed	5500 r/min
rs min	0.6 mm
Dw	3.5 mm
Lw	27.8 mm
Lubrication hole on outer ring	Oui/Yes
k	3 mm
Radial clearance class	CN
Precision class	P0
Mass	0.22 kg
Cr	51 kN
C0r	106 kN
Nlim (grease)	5,500 rpm



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Nlim (oil)	8,000 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.47 Hz
Characteristic rolling element frequency, BSF	15.22 Hz
Characteristic outer ring frequency, BPF0	13.08 Hz
Characteristic inner ring frequency, BRF1	14.92 Hz
Da max	58 mm
ras max	0.6 mm
Category	Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.205
Product Group	B04144
bore diameter:	50 mm
static load capacity:	12000 kgf
outside diameter:	62 mm
maximum rpm:	8000 RPM
overall width:	35 mm
flanges:	No Flange
needle bearing type:	Machined Bearing with No Inner Ring
series:	NK
closure type:	Open
lubrication hole type:	No Hole
dynamic load capacity:	5500 kgf
precision rating:	Not Rated



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