

# NTN HL-8E-NK30X52X19PX3 needle roller bearings

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d	25 mm
D	52 mm
B	15 mm
E	46.5 mm
F	31.5 mm
d1	34.7 mm
D1	43.8 mm
rs min	1 mm
r1s min	0.6 mm
Radial clearance class	CN
Mass (without HJ ring)	0.14 kg
Dynamic load, C	28.5 kN
Static load, C0	26.7 kN
Fatigue limit load, Cu	3.25 kN
Nref	12,000 rpm
Nlim	17,000 rpm
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.4 Hz
Characteristic rolling element frequency, BSF	5.01 Hz
Characteristic outer ring frequency, BPF0	5.25 Hz

Characteristic inner ring frequency, BPFI	7.75 Hz
da min	30 mm
da max	31 mm
db min	34 mm
dc min	37 mm
Da max	47 mm
ra max	1 mm
r1a max	0.6 mm