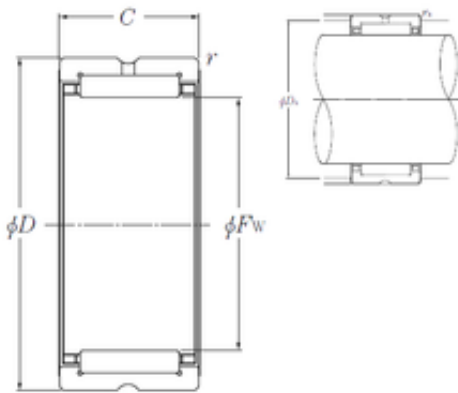




# Shandong Chik Bearing Co., Ltd.

## NTN NK19/16R needle roller bearings

Bearing No. NK19/16R



NK19/16R Bearing 2D drawings and 3D CAD models

|                                |             |
|--------------------------------|-------------|
| Size                           | 19x27x16 mm |
| Bore Diameter                  | 19 mm       |
| Outer Diameter                 | 27 mm       |
| Width                          | 16 mm       |
| Fw                             | 19 mm       |
| D                              | 27 mm       |
| C                              | 16 mm       |
| r min.                         | 0,3 mm      |
| Da max.                        | 25 mm       |
| ra max.                        | 0,3 mm      |
| Weight                         | 0,026 Kg    |
| Basic dynamic load rating (C)  | 13,3 kN     |
| Basic static load rating (C0)  | 17,4 kN     |
| (Grease) Lubrication Speed     | 14000 r/min |
| rs min                         | 0.3 mm      |
| Dw                             | 2.5 mm      |
| Lw                             | 12.8 mm     |
| Lubrication hole on outer ring | Oui/Yes     |
| k                              | 2.5 mm      |
| Radial clearance class         | CN          |
| Precision class                | P0          |
| Mass                           | 0.03 kg     |
| Cr                             | 13.3 kN     |
| C0r                            | 17.4 kN     |
| Nlim (grease)                  | 14,000 rpm  |



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|   |            |
|---|------------|
| Nlim (oil)                                    | 21,000 rpm |
| Min operating temperature, Tmin               | -20 ° C    |
| Max operating temperature, Tmax               | 120 ° C    |
| Characteristic cage frequency, FTF            | 0.44 Hz    |
| Characteristic rolling element frequency, BSF | 8.48 Hz    |
| Characteristic outer ring frequency, BPF0     | 7.07 Hz    |
| Characteristic inner ring frequency, BRF1     | 8.93 Hz    |
| Da max  | 25 mm      |
| ras max                                       | 0.3 mm     |
| Category                                      | Bearings   |
| Inventory                                     | 0.0        |
| Manufacturer Name                             | NTN        |
| Minimum Buy Quantity                          | N/A        |
| Weight / Kilogram                             | 0.026      |
| Product Group                                 | B04144     |