



## Technical data

### NUKR80H/3AS

Cam follower with shaft

#### PRODUCT DEFINITION

|                                                              |         |
|--------------------------------------------------------------|---------|
| <b>Brand</b>                                                 | NTN     |
| <b>D - External diameter</b>                                 | 80 mm   |
| <b>d1 - Stud diameter</b>                                    | 30 mm   |
| <b>C - Width of bearing, drawn cup or outer ring</b>         | 35 mm   |
| <b>F - Under roller diameter</b>                             | 47,5 mm |
| <b>B - Bearing/Inner ring width</b>                          | 37 mm   |
| <b>B1 - Total stud length</b>                                | 100 mm  |
| <b>B2 - Stud rod length</b>                                  | 63 mm   |
| <b>G - Stud thread designation</b>                           | M30X1.5 |
| <b>G1 - Thread length of the stud</b>                        | 32 mm   |
| <b>B3 - Distance between washer face and radial lub hole</b> | 15 mm   |
| <b>C1 - Distance between roller face and washer face</b>     | 1 mm    |
| <b>n - Axial lubrication hole diameter</b>                   | 8 mm    |
| <b>a - Radial lubrication hole diameter</b>                  | 4 mm    |
| <b>e - Inlet diameter of roller or washer</b>                | 51 mm   |
| <b>h - Hexagonal hole</b>                                    | 8 mm    |
| <b>R - Track roller radius</b>                               | 500 mm  |
| <b>Maximum tightening torque</b>                             | 360 N-m |
| <b>Bearing with/without cage</b>                             | Sans    |



#### NTN Europe

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## PRODUCT DEFINITION

|                               |         |
|-------------------------------|---------|
| <b>Radial clearance class</b> | CN      |
| <b>Precision class</b>        | P0      |
| <b>Mass</b>                   | 1,54 kg |

## PRODUCT PERFORMANCE

|                                                 |              |
|-------------------------------------------------|--------------|
| <b>Cr - Dynamic load rating</b>                 | 101000000 mN |
| <b>C0r - Static load rating</b>                 | 151000000 mN |
| <b>Track load capacity spherical outer ring</b> | 9800000 mN   |
| <b>N lim - Grease lubrication limit speed</b>   | 12600 °/s    |
| <b>Tmin - Min operating temperature</b>         | 253,15 °K    |
| <b>Tmax - Max operating temperature</b>         | 393,15 °K    |

