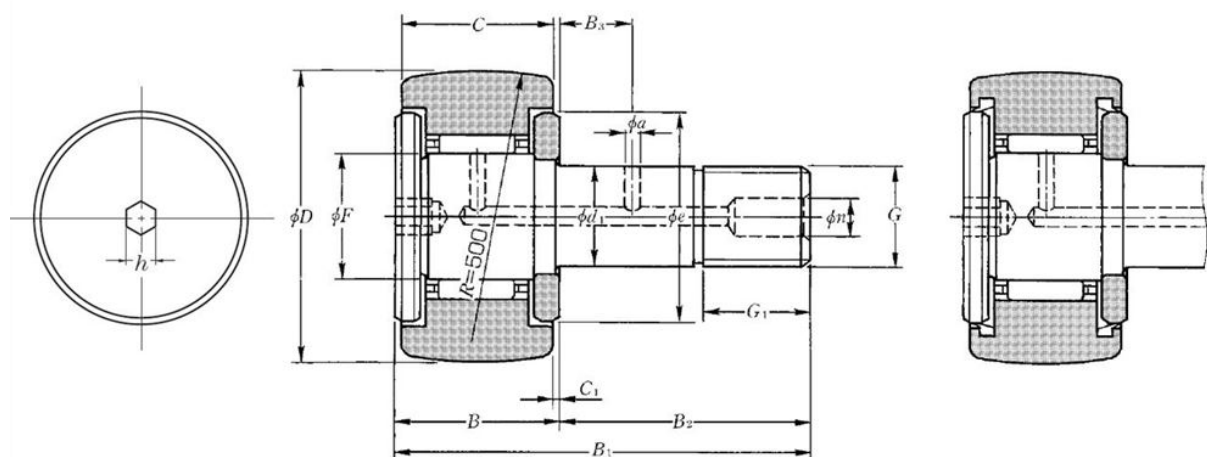


## Technical data

### KR90LLH/3AS

Cam follower with shaft

## Visual(s)



## Product definition

|                                  |         |
|----------------------------------|---------|
| <b>D</b>                         | 90 mm   |
| <b>d1</b>                        | 30 mm   |
| <b>C</b>                         | 35 mm   |
| <b>F</b>                         | 38 mm   |
| <b>B</b>                         | 37 mm   |
| <b>B1</b>                        | 100 mm  |
| <b>B2</b>                        | 63 mm   |
| <b>G</b>                         | M30X1.5 |
| <b>G1</b>                        | 32 mm   |
| <b>B3</b>                        | 15 mm   |
| <b>C1</b>                        | 1 mm    |
| <b>n</b>                         | 8 mm    |
| <b>a</b>                         | 4 mm    |
| <b>e</b>                         | 53 mm   |
| <b>h</b>                         | 8 mm    |
| <b>R</b>                         | 500 mm  |
| <b>Dw</b>                        | 3.18 mm |
| <b>Lw</b>                        | 25.4 mm |
| <b>Maximum tightening torque</b> | 360 Nm  |
| <b>Bearing with/without cage</b> | Avec    |
| <b>Radial clearance class</b>    | CN      |
| <b>Precision class</b>           | P0      |
| <b>Mass</b>                      | 1.95 kg |
| <b>Brand</b>                     | NTN     |

## Product performance

|                                                      |              |
|------------------------------------------------------|--------------|
| <b>Cr</b>                                            | 45 kN        |
| <b>C0r</b>                                           | 88.5 kN      |
| <b>Track load capacity spherical outer ring</b>      | 11.4 kN      |
| <b>Nlim (grease)</b>                                 | 4,000 Tr/min |
| <b>Min operating temperature, Tmin</b>               | -20 °C       |
| <b>Max operating temperature, Tmax</b>               | 100 °C       |
| <b>Characteristic cage frequency, FTF</b>            | 0.46 Hz      |
| <b>Characteristic rolling element frequency, BSF</b> | 12.87 Hz     |
| <b>Characteristic outer ring frequency, BPF0</b>     | 12.46 Hz     |
| <b>Characteristic inner ring frequency, BPFI</b>     | 14.54 Hz     |