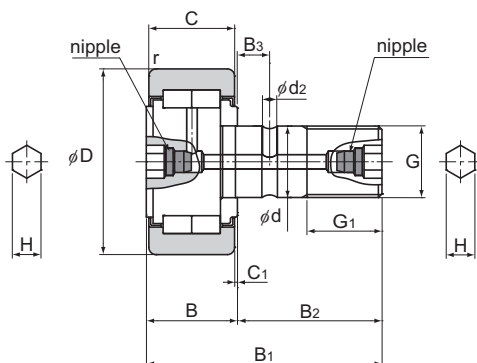


# Double-row Cylindrical-roller Cam Follower Model NUCF-AB

| Optional specifications |                        | Symbol    |
|-------------------------|------------------------|-----------|
| Roller guide            | Full rollers           | No Symbol |
| Material                | Carbon steel           | No Symbol |
| Seal                    | Without seal           | No Symbol |
| Outer ring shape        | Cylindrical outer ring | No Symbol |
|                         | Spherical outer ring   | R         |



| Stud diameter | Model No.    | Main dimensions |                  |          |                |      |                |                |                |                |                |   |                  |                                |
|---------------|--------------|-----------------|------------------|----------|----------------|------|----------------|----------------|----------------|----------------|----------------|---|------------------|--------------------------------|
|               |              | Outer diameter  | Outer ring width | Threaded |                |      | Overall length |                |                |                |                |   |                  | Shoulder height<br>f<br>(Min.) |
| d             | Model No.    | D               | C                | G        | G <sub>1</sub> | B    | B <sub>1</sub> | B <sub>2</sub> | B <sub>3</sub> | C <sub>1</sub> | d <sub>2</sub> | H | r <sub>min</sub> |                                |
| 16            | NUCF 16-AB   | 35              | 18               | M16×1.5  | 17             | 19.5 | 52             | 32.5           | 7.8            | 0.8            | 3              | 6 | 0.6              | 20                             |
| 18            | NUCF 18-AB   | 40              | 20               | M18×1.5  | 19             | 21.5 | 58             | 36.5           | 8              | 0.8            | 3              | 6 | 1                | 22                             |
| 20            | NUCF 20-AB   | 52              | 24               | M20×1.5  | 21             | 25.5 | 66             | 40.5           | 9              | 0.8            | 4              | 8 | 1                | 31                             |
| 20            | NUCF 20-1-AB | 47              | 24               | M20×1.5  | 21             | 25.5 | 66             | 40.5           | 9              | 0.8            | 4              | 8 | 1                | 27                             |
| 24            | NUCF 24-AB   | 62              | 28               | M24×1.5  | 25             | 30.5 | 80             | 49.5           | 11             | 1.3            | 4              | 8 | 1                | 38                             |
| 24            | NUCF 24-1-AB | 72              | 28               | M24×1.5  | 25             | 30.5 | 80             | 49.5           | 11             | 1.3            | 4              | 8 | 1.1              | 44                             |
| 30            | NUCF 30-AB   | 80              | 35               | M30×1.5  | 32             | 37   | 100            | 63             | 15             | 1              | 4              | 8 | 1.1              | 47                             |
| 30            | NUCF 30-2-AB | 90              | 35               | M30×1.5  | 32             | 37   | 100            | 63             | 15             | 1              | 4              | 8 | 1.1              | 47                             |

Note) For information on accuracy standards, please refer to **A19-14**.

## Model number coding

**NUCF16 R -AB**

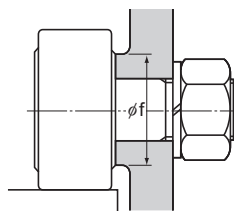
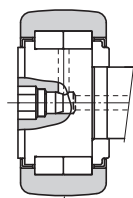
Model No.

AB: Stud With Hexagonal Socket At Both Ends

No Symbol: Cylindrical outer ring

R : Spherical outer ring

Note) For accessories, see **A19-38**.



R500 (NUCF18 or lower)  
R1000 (NUCF20 or higher)

Unit: mm

|  | Basic load rating |             | Maximum<br>permissible<br>load<br><br>$F_0$<br>kN | Track load capacity       |                         | Rotational<br>speed limit<br><br>$\text{min}^{-1}$ | Mass<br><br>g |
|--|-------------------|-------------|---------------------------------------------------|---------------------------|-------------------------|----------------------------------------------------|---------------|
|  |                   |             |                                                   | Cylindrical<br>outer ring | Spherical<br>outer ring |                                                    |               |
|  | C<br>kN           | $C_0$<br>kN |                                                   | kN                        | kN                      |                                                    |               |
|  | 23.4              | 27.2        | 11.5                                              | 11.2                      | 3.14                    | 5200                                               | 200           |
|  | 25.2              | 30.9        | 21.2                                              | 14.4                      | 3.72                    | 4700                                               | 295           |
|  | 43                | 58.1        | 27.1                                              | 23.2                      | 8.23                    | 3300                                               | 515           |
|  | 38.9              | 48.9        | 24.8                                              | 21                        | 7.15                    | 3800                                               | 445           |
|  | 57.6              | 74.3        | 34.3                                              | 32.9                      | 10.5                    | 2800                                               | 885           |
|  | 63.3              | 87.5        | 49.5                                              | 38.2                      | 12.9                    | 2300                                               | 1120          |
|  | 94.8              | 135         | 73.7                                              | 52.6                      | 14.9                    | 2100                                               | 1840          |
|  | 94.8              | 135         | 73.7                                              | 59.3                      | 17.3                    | 2100                                               | 2200          |