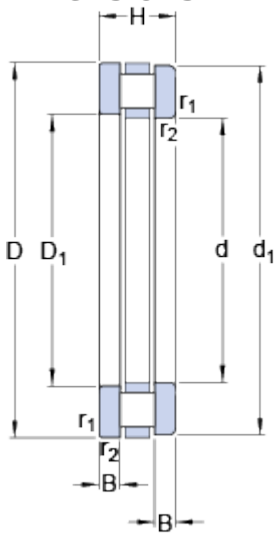


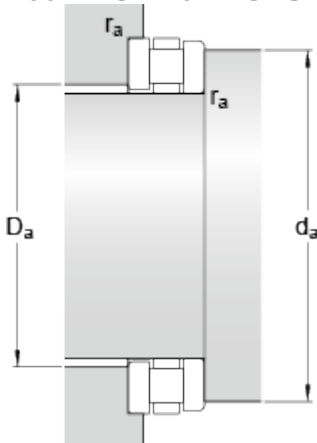
# 81216 TN

## Dimensions



|                  |        |    |
|------------------|--------|----|
| d                | 80     | mm |
| D                | 115    | mm |
| H                | 28     | mm |
| d <sub>1</sub>   | 115    | mm |
| D <sub>1</sub>   | 82     | mm |
| B                | 8.5    | mm |
| r <sub>1,2</sub> | min. 1 | mm |

## Abutment dimensions



|                |      |     |    |
|----------------|------|-----|----|
| d <sub>a</sub> | min. | 112 | mm |
| D <sub>a</sub> | max. | 84  | mm |
| r <sub>a</sub> | max. | 1   | mm |

## Calculation data

|                           |                |        |       |
|---------------------------|----------------|--------|-------|
| Basic dynamic load rating | C              | 160    | kN    |
| Basic static load rating  | C              | 610    | kN    |
| Fatigue load limit        | P <sub>u</sub> | 63     | kN    |
| Reference speed           |                | 1200   | r/min |
| Limiting speed            |                | 2400   | r/min |
| Minimum axial load factor | A              | 0.0298 |       |

## Mass

|              |  |     |    |
|--------------|--|-----|----|
| Mass bearing |  | 0.9 | kg |
|--------------|--|-----|----|

## Included products

|                                 |                            |
|---------------------------------|----------------------------|
| Roller and cage thrust assembly | <a href="#">K 81216 TN</a> |
| Shaft washer                    | <a href="#">WS 81216</a>   |
| Housing washer                  | <a href="#">GS 81216</a>   |

