# Technical datasheet

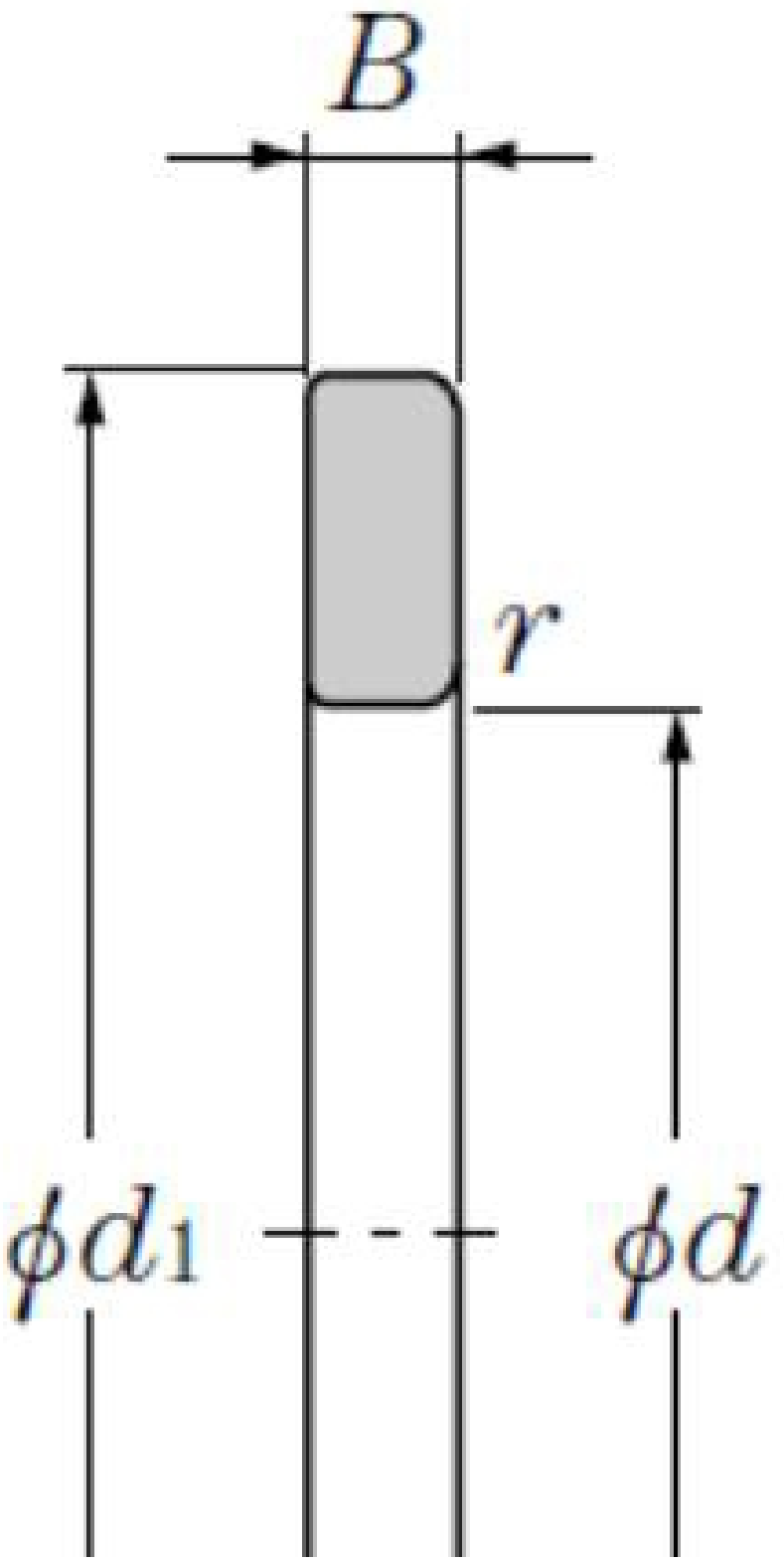
## WS89315

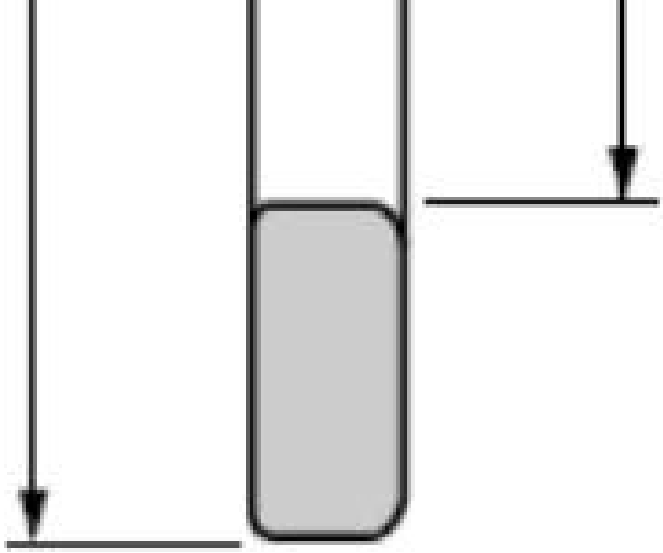
Thrust washer

Needle roller bearing, thrust needle roller bearing, inner ring



## Visual(s)





## Product definition

| | |
|---|---|
| **d** | 135 mm |
| **d1** | 77 mm |
| **B** | 12.5 mm |
| **rs min** | 1.5 mm |
| **Bearing ring (inner ring) WS mass** | 0.97 kg |
| **Brand** | NTN |

## Product performance

| | |
|---|---|
| **Min operating temperature, Tmin** | -20 °C |
| **Max operating temperature, Tmax** | 120 °C |