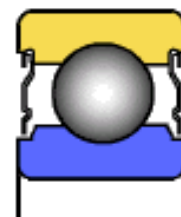


# Standard & needle roller bearings

## 6210 HT200ZZ

Radial-Contact Single-Row Ball Bearing with 2 Shields



|                                                                              |                                                  |                  |
|------------------------------------------------------------------------------|--------------------------------------------------|------------------|
| Main characteristics                                                         | Bore diam. (d)                                   | 50 mm (+0, -12)  |
|                                                                              | Outside diam. (D)                                | 90 mm (+0, -15)  |
|                                                                              | IR width (B)                                     | 20 mm (+0, -120) |
|                                                                              | OR width (C)                                     | (+0, -120)       |
|                                                                              | Total width (T)                                  |                  |
|                                                                              | Weight                                           | 0.465 kg         |
|                                                                              | Recommended minimum temperature                  | -20 ° C          |
|                                                                              | Recommended maximum temperature                  | 200 ° C          |
|                                                                              | Grease speed limit                               | 2000 tr/min      |
|                                                                              | Oil speed limit                                  |                  |
|                                                                              | Sealing                                          | Metallic shield  |
| Vibration frequencies (Hz) based on the inner ring rotating at 60 tr/min RPM | Cage                                             | Steel            |
|                                                                              | Cage Frequency                                   | 0.409            |
|                                                                              | Rolling Element Frequency                        | 5.33             |
|                                                                              | OR Frequency :                                   | 4.092            |
|                                                                              | IR Frequency :                                   | 5.907            |
|                                                                              | For rotating outer ring, please contact NTN-SNR. |                  |