# Calculation / Installation proposal

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1 Input

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Bearing

| | |
|---|---|
| Designation | NKI65/35-XL-C3 |

Basic frequency factors related to 1/s

| | | |
|---|---|---|
| Overrolling frequency factor on outer ring | BPFFO | 13.5705 |
| Overrolling frequency factor on inner ring | BPFFI | 15.4295 |
| Overrolling frequency factor on rolling element | BSFF | 7.7679 |
| Ring pass frequency factor on rolling element | RPFFB | 15.5359 |
| Speed factor of rolling element set for rotating inner ring | FTFF_i | 0.4679 |
| Speed factor of rolling element set for rotating outer ring | FTFF_o | 0.5321 |