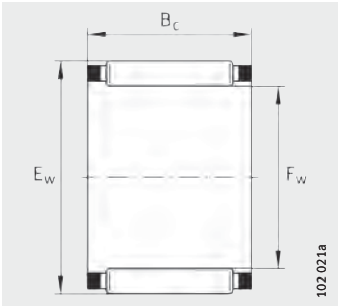
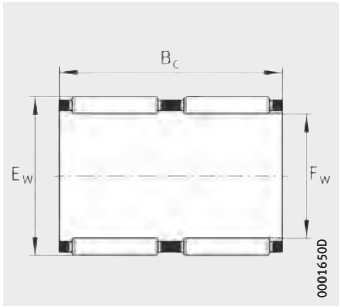
# Needle roller and cage assemblies

Single row
Double row




K




K..-ZW

**Dimension table** (continued) · Dimensions in mm

| Designation | Mass | Dimensions | | | Basic load ratings | | Fatigue limit load | Limiting speed | Reference speed |
|---|---|---|---|---|---|---|---|---|---|
| | m | $F_w$ | $E_w$ | $B_c$ | dyn. $C_r$ | stat. $C_{0r}$ | $C_{ur}$ | $n_G$ | $n_B$ |
| | ≈g | | | | N | N | N | $min^{-1}$ | $min^{-1}$ |
| **K50X55X13,5** | 30 | **50** | 55 | 13,5 | 18 200 | 36 500 | 4 600 | 9 300 | 5 700 |
| **K50X55X17** | 35 | **50** | 55 | 17 | 26 000 | 57 000 | 7 300 | 9 300 | 5 700 |
| **K50X55X20** | 45 | **50** | 55 | 20 | 26 500 | 60 000 | 7 800 | 9 300 | 5 500 |
| **K50X55X30** | 65 | **50** | 55 | 30 | 39 000 | 97 000 | 13 900 | 9 300 | 5 400 |
| **K50X57X18** | 47 | **50** | 57 | 18 | 33 500 | 63 000 | 8 800 | 9 200 | 5 200 |
| **K50X58X20** | 75 | **50** | 58 | 20 | 35 500 | 62 000 | 8 800 | 9 100 | 5 400 |
| **K50X58X25** | 90 | **50** | 58 | 25 | 44 000 | 81 000 | 10 800 | 9 100 | 5 300 |
| **K52X57X12** | 24 | **52** | 57 | 12 | 18 000 | 36 500 | 4 600 | 9 000 | 5 400 |
| **K55X60X20** | 40 | **55** | 60 | 20 | 28 500 | 66 000 | 8 600 | 8 500 | 5 100 |
| **K55X60X27** | 69 | **55** | 60 | 27 | 38 000 | 97 000 | 13 600 | 8 500 | 4 950 |
| **K55X60X30** | 72 | **55** | 60 | 30 | 41 000 | 108 000 | 15 400 | 8 500 | 4 950 |
| **K55X62X18** | 52 | **55** | 62 | 18 | 35 500 | 70 000 | 9 800 | 8 400 | 4 750 |
| **K55X63X20** | 67 | **55** | 63 | 20 | 40 000 | 74 000 | 9 500 | 8 300 | 4 800 |
| **K55X63X25** | 80 | **55** | 63 | 25 | 50 000 | 100 000 | 13 700 | 8 300 | 4 700 |
| **K55X63X32** | 102 | **55** | 63 | 32 | 62 000 | 130 000 | 18 600 | 8 300 | 4 650 |
| **K58X65X18** | 79 | **58** | 65 | 18 | 35 000 | 70 000 | 9 800 | 8 000 | 4 650 |
| **K58X65X36-ZW** | 127 | **58** | 65 | 36 | 49 000 | 107 000 | 14 600 | 8 000 | 5 100 |
| **K60X65X20** | 52 | **60** | 65 | 20 | 29 500 | 72 000 | 9 300 | 7 800 | 4 750 |
| **K60X65X30** | 77 | **60** | 65 | 30 | 42 500 | 116 000 | 16 600 | 7 800 | 4 650 |
| **K60X66X33-ZW** | 104 | **60** | 66 | 33 | 46 000 | 112 000 | 15 100 | 7 800 | 4 800 |
| **K60X66X40-ZW** | 147 | **60** | 66 | 40 | 58 000 | 151 000 | 19 900 | 7 800 | 4 650 |
| **K60X68X20** | 71 | **60** | 68 | 20 | 43 500 | 85 000 | 11 000 | 7 700 | 4 400 |
| **K60X68X23** | 94 | **60** | 68 | 23 | 49 500 | 101 000 | 13 500 | 7 700 | 4 350 |
| **K60X68X25** | 89 | **60** | 68 | 25 | 53 000 | 111 000 | 15 200 | 7 700 | 4 350 |
| **K60X68X30-ZW** | 129 | **60** | 68 | 30 | 44 500 | 88 000 | 11 300 | 7 700 | 4 950 |
| **K60X75X42** | 240 | **60** | 75 | 42 | 118 000 | 199 000 | 27 000 | 7 300 | 4 050 |
| **K62X70X40-ZW** | 174 | **62** | 70 | 40 | 66 000 | 146 000 | 20 500 | 7 400 | 4 550 |
| **K64X70X16** | 53 | **64** | 70 | 16 | 28 000 | 60 000 | 8 100 | 7 300 | 4 500 |