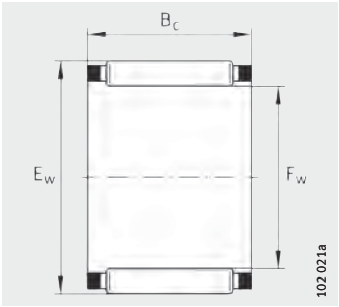
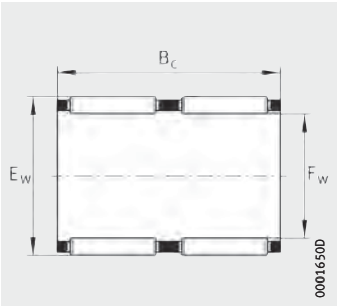
# Needle roller and cage assemblies

Single row
Double row




K, K..-TV




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 | $min^{-1}$ | $min^{-1}$ |
| **K20X24X10** | 7 | **20** | 24 | 10 | 8 900 | 12 600 | 1 570 | 21 300 | 12 400 |
| **K20X24X13** | 9 | **20** | 24 | 13 | 9 800 | 14 300 | 1 860 | 21 300 | 12 800 |
| **K20X24X17** | 13 | **20** | 24 | 17 | 12 900 | 20 400 | 2 650 | 21 300 | 12 500 |
| **K20X26X12** | 12 | **20** | 26 | 12 | 13 400 | 16 200 | 2 310 | 20 900 | 11 700 |
| **K20X26X13** | 12 | **20** | 26 | 13 | 14 400 | 17 900 | 2 330 | 20 900 | 11 600 |
| **K20X26X17** | 16 | **20** | 26 | 17 | 19 200 | 26 000 | 3 300 | 20 900 | 11 200 |
| **K20X26X20** | 19 | **20** | 26 | 20 | 21 100 | 29 000 | 3 900 | 20 900 | 11 400 |
| **K20X28X16** | 20 | **20** | 28 | 16 | 19 800 | 22 400 | 3 000 | 20 400 | 11 100 |
| **K20X28X20** | 27 | **20** | 28 | 20 | 23 900 | 28 500 | 3 600 | 20 400 | 11 100 |
| **K20X28X25** | 32 | **20** | 28 | 25 | 30 500 | 39 000 | 5 300 | 20 400 | 10 800 |
| **K20X30X30** | 49 | **20** | 30 | 30 | 35 500 | 41 500 | 5 500 | 19 600 | 10 800 |
| **K21X25X13** | 9 | **21** | 25 | 13 | 10 100 | 15 100 | 1 970 | 20 900 | 12 300 |
| **K22X26X10** | 8 | **22** | 26 | 10 | 9 100 | 13 400 | 1 670 | 20 400 | 11 500 |
| **K22X26X13** | 10 | **22** | 26 | 13 | 10 400 | 15 900 | 2 080 | 20 400 | 11 800 |
| **K22X26X17** | 12,1 | **22** | 26 | 17 | 13 700 | 22 700 | 3 000 | 20 400 | 11 500 |
| **K22X28X17** | 18 | **22** | 28 | 17 | 19 400 | 27 000 | 3 450 | 19 600 | 10 500 |
| **K22X29X16** | 16 | **22** | 29 | 16 | 20 000 | 25 500 | 3 350 | 19 200 | 10 300 |
| **K22X30X15-TV** | 18 | **22** | 30 | 15 | 20 100 | 23 400 | 3 050 | 18 800 | 10 200 |
| **K22X32X24** | 43 | **22** | 32 | 24 | 34 000 | 40 000 | 4 900 | 18 100 | 9 700 |
| **K23X35X16-TV** | 29 | **23** | 35 | 16 | 24 500 | 23 900 | 2 950 | 16 900 | 9 500 |
| **K24X28X10** | 9 | **24** | 28 | 10 | 9 600 | 14 800 | 1 840 | 18 800 | 10 600 |
| **K24X28X13** | 12 | **24** | 28 | 13 | 11 000 | 17 600 | 2 290 | 18 800 | 10 800 |
| **K24X28X17** | 13 | **24** | 28 | 17 | 14 500 | 25 000 | 3 300 | 18 800 | 10 600 |
| **K24X30X17** | 20 | **24** | 30 | 17 | 19 500 | 27 500 | 3 500 | 18 100 | 10 000 |
| **K24X30X31-ZW** | 32 | **24** | 30 | 31 | 27 500 | 43 500 | 5 800 | 18 100 | 10 400 |