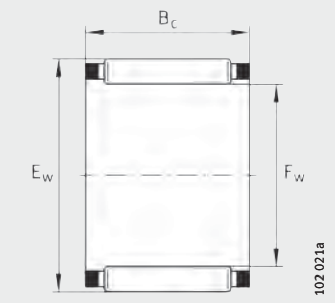
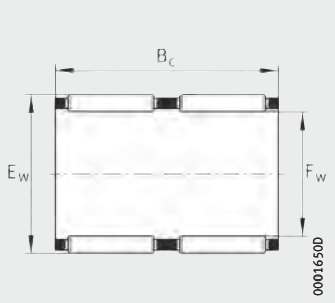
# Needle roller and cage assemblies

Single row
Double row




K




K..-ZW, K..-ZW-TV

**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 | $min^{-1}$ | $min^{-1}$ |
| **K32X37X13** | 19 | **32** | 37 | 13 | 15 500 | 25 500 | 3 300 | 14 200 | 8 100 |
| **K32X37X17** | 19 | **32** | 37 | 17 | 19 900 | 35 500 | 4 500 | 14 200 | 7 900 |
| **K32X37X27** | 30 | **32** | 37 | 27 | 30 000 | 60 000 | 8 500 | 14 200 | 7 800 |
| **K32X38X20** | 30 | **32** | 38 | 20 | 26 500 | 45 000 | 6 000 | 14 000 | 7 700 |
| **K32X39X16** | 29 | **32** | 39 | 16 | 23 800 | 35 500 | 4 700 | 13 800 | 7 600 |
| **K32X39X18** | 31 | **32** | 39 | 18 | 26 500 | 41 000 | 5 200 | 13 800 | 7 500 |
| **K32X40X25** | 50 | **32** | 40 | 25 | 37 500 | 58 000 | 7 900 | 13 600 | 7 400 |
| **K32X40X42-ZW-TV** | 65 | **32** | 40 | 42 | 50 000 | 84 000 | 10 500 | 13 600 | 7 800 |
| **K32X46X32** | 119 | **32** | 46 | 32 | 66 000 | 84 000 | 11 100 | 12 600 | 6 700 |
| **K35X40X13** | 19 | **35** | 40 | 13 | 16 200 | 28 000 | 3 600 | 13 100 | 7 500 |
| **K35X40X17** | 21 | **35** | 40 | 17 | 20 800 | 38 500 | 4 900 | 13 100 | 7 400 |
| **K35X40X25** | 31 | **35** | 40 | 25 | 29 500 | 60 000 | 8 400 | 13 100 | 7 200 |
| **K35X40X27-TV** | 39 | **35** | 40 | 27 | 25 000 | 48 500 | 6 700 | 13 100 | 7 900 |
| **K35X42X16** | 34 | **35** | 42 | 16 | 24 400 | 37 500 | 5 000 | 12 700 | 7 100 |
| **K35X42X18** | 34 | **35** | 42 | 18 | 27 500 | 43 000 | 6 000 | 12 700 | 7 100 |
| **K35X42X20** | 40 | **35** | 42 | 20 | 30 000 | 49 000 | 6 200 | 12 700 | 7 000 |
| **K35X42X30** | 67 | **35** | 42 | 30 | 39 000 | 68 000 | 9 400 | 12 700 | 7 200 |
| **K35X45X20** | 56 | **35** | 45 | 20 | 37 000 | 50 000 | 6 500 | 12 300 | 6 800 |
| **K35X45X30** | 80 | **35** | 45 | 30 | 53 000 | 79 000 | 10 500 | 12 300 | 6 700 |
| **K37X42X17** | 23 | **37** | 42 | 17 | 22 400 | 43 000 | 5 500 | 12 400 | 6 900 |
| **K38X43X17** | 29 | **38** | 43 | 17 | 20 500 | 38 500 | 4 850 | 12 100 | 7 000 |
| **K38X43X27** | 43 | **38** | 43 | 27 | 31 500 | 68 000 | 9 600 | 12 100 | 6 800 |
| **K38X46X20** | 51 | **38** | 46 | 20 | 35 500 | 57 000 | 7 200 | 11 700 | 6 300 |
| **K38X46X32** | 76 | **38** | 46 | 32 | 55 000 | 99 000 | 14 200 | 11 700 | 6 200 |
| **K39X44X26-ZW** | 45 | **39** | 44 | 26 | 27 500 | 56 000 | 7 100 | 11 800 | 7 000 |