



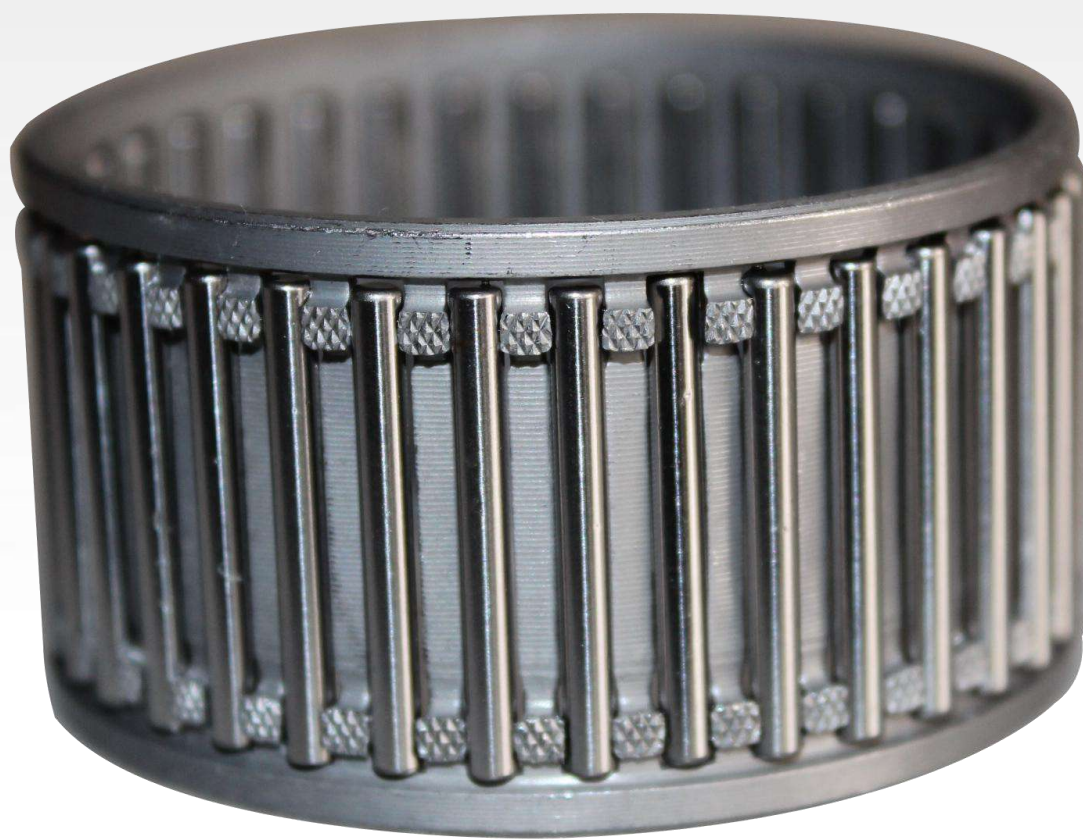
**Shaanxi Gainhui Heavy Industries Co., Ltd.**  
Bearing Manufacturer And Supplier In China

## **BECAUSE WE ARE FOCUSED WE ARE PROFESSIONAL**

We are committed to providing competitive bearing products and OEM services to global customers.

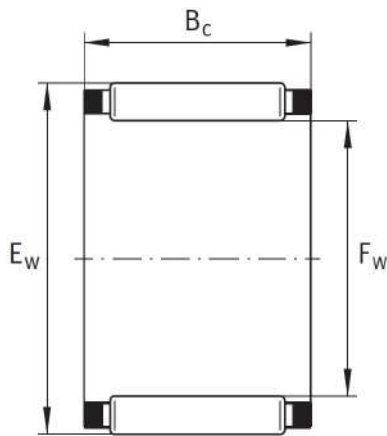


### **Needle Roller And Cage Assemblies**

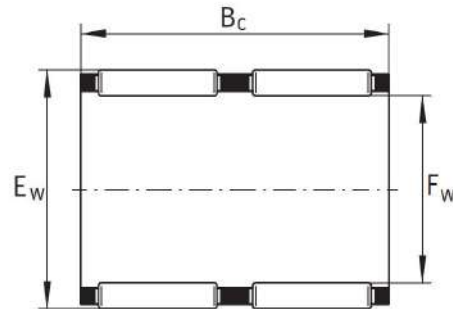


**Bearing Series:**  
**K series**



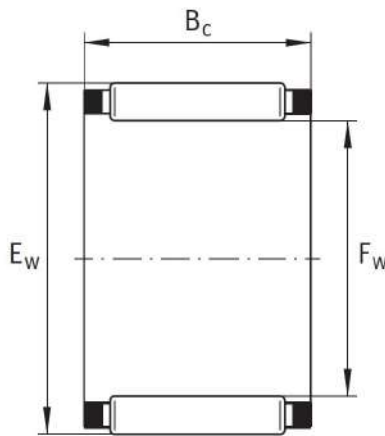


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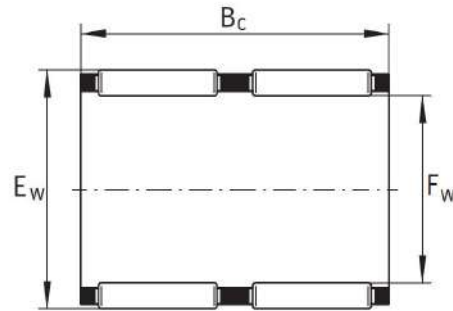


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| Bearing designation | Dimensions (mm) |       |       | Basic dynamic load rating | Basic static load rating | Fatigue load limit | Limiting speed | Reference speed | Mass |
|---------------------|-----------------|-------|-------|---------------------------|--------------------------|--------------------|----------------|-----------------|------|
|                     | $F_w$           | $E_w$ | $B_c$ | $C_r$                     | $C_{or}$                 | $C_{ur}$           | nG             | nB              | m    |
|                     |                 |       |       | N                         | N                        | N                  | min-1          | min-1           | ≈g   |
| K3X5X7-TV           | 3               | 5     | 7     | 1 540                     | 1 290                    | 152                | 50 000         | 78 000          | 0.3  |
| K3X5X9-TV           | 3               | 5     | 9     | 1 710                     | 1 480                    | 188                | 50 000         | 80 000          | 0.4  |
| K3X6X7-TV           | 3               | 6     | 7     | 1 430                     | 970                      | 109                | 47 000         | 75 000          | 0.4  |
| K4X7X7-TV           | 4               | 7     | 7     | 1 740                     | 1 270                    | 145                | 42 500         | 59 000          | 0.5  |
| K4X7X10-TV          | 4               | 7     | 10    | 2 330                     | 1 840                    | 236                | 42 500         | 59 000          | 0.7  |
| K5X8X8-TV           | 5               | 8     | 8     | 2 350                     | 1 920                    | 237                | 39 000         | 48 000          | 0.7  |
| K5X8X10-TV          | 5               | 8     | 10    | 3 000                     | 2 650                    | 350                | 39 000         | 47 000          | 0.9  |
| K6X9X8-TV           | 6               | 9     | 8     | 2 600                     | 2 280                    | 285                | 36 500         | 41 000          | 0.8  |
| K6X9X10-TV          | 6               | 9     | 10    | 3 350                     | 3 150                    | 420                | 36 500         | 40 000          | 1.1  |
| K6X10X13-TV         | 6               | 10    | 13    | 3 800                     | 3 100                    | 395                | 35 500         | 40 000          | 1.9  |
| K7X9X7-TV           | 7               | 9     | 7     | 1 730                     | 1 770                    | 215                | 35 500         | 40 000          | 0.6  |
| K7X10X8-TV          | 7               | 10    | 8     | 2 850                     | 2 650                    | 330                | 34 500         | 36 000          | 0.9  |
| K7X10X10-TV         | 7               | 10    | 10    | 3 650                     | 3 600                    | 485                | 34 500         | 35 000          | 1    |
| K8X11X8-TV          | 8               | 11    | 8     | 3 100                     | 3 000                    | 375                | 32 500         | 32 000          | 1    |
| K8X11X10-TV         | 8               | 11    | 10    | 3 950                     | 4 100                    | 560                | 32 500         | 31 000          | 1.2  |
| K8X11X13-TV         | 8               | 11    | 13    | 5 100                     | 5 800                    | 790                | 32 500         | 30 500          | 1.7  |
| K8X12X10-TV         | 8               | 12    | 10    | 5 000                     | 4 700                    | 560                | 31 500         | 29 000          | 2    |
| K9X12X10-TV         | 9               | 12    | 10    | 4 500                     | 5 000                    | 680                | 31 000         | 27 500          | 1.5  |
| K9X12X13-TV         | 9               | 12    | 13    | 5 900                     | 7 100                    | 970                | 31 000         | 27 000          | 2.1  |

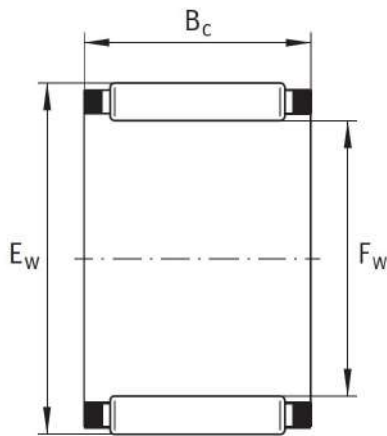


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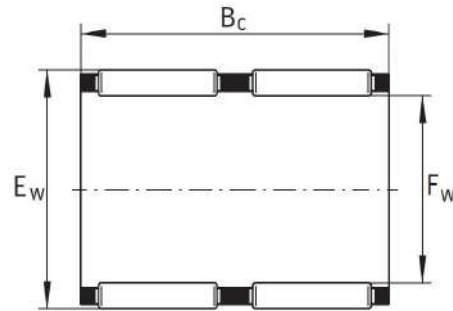


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| Bearing designation | Dimensions (mm) |       |       | Basic dynamic load rating | Basic static load rating | Fatigue load limit | Limiting speed | Reference speed | Mass |
|---------------------|-----------------|-------|-------|---------------------------|--------------------------|--------------------|----------------|-----------------|------|
|                     | $F_w$           | $E_w$ | $B_c$ | $C_r$                     | $C_{or}$                 | $C_{ur}$           | nG             | nB              | m    |
|                     |                 |       |       | N                         | N                        | N                  | min-1          | min-1           | ≈g   |
| K10X13X10-TV        | 10              | 13    | 10    | 4 750                     | 5 500                    | 750                | 29 500         | 24 900          | 1.6  |
| K10X13X13-TV        | 10              | 13    | 13    | 6 200                     | 7 800                    | 1060               | 29 500         | 24 400          | 2.3  |
| K10X13X16-TV        | 10              | 13    | 16    | 7 100                     | 9 300                    | 1310               | 29 500         | 24 600          | 2.9  |
| K10X14X10-TV        | 10              | 14    | 10    | 5 800                     | 6 000                    | 720                | 29 000         | 23 500          | 2.5  |
| K10X14X13-TV        | 10              | 14    | 13    | 7 500                     | 8 400                    | 1020               | 29 000         | 23 000          | 4.6  |
| K10X16X12-TV        | 10              | 16    | 12    | 8 100                     | 7 200                    | 1000               | 27 500         | 21 800          | 5.5  |
| K12X15X10-TV        | 12              | 15    | 10    | 4 900                     | 6 100                    | 830                | 27 000         | 21 500          | 2.9  |
| K12X15X13-TV        | 12              | 15    | 13    | 6 400                     | 8 500                    | 1170               | 27 000         | 21 100          | 2.3  |
| K12X16X13-TV        | 12              | 16    | 13    | 8 000                     | 9 400                    | 1150               | 26 500         | 19 900          | 5.5  |
| K12X17X13-TV        | 12              | 17    | 13    | 9 600                     | 10 400                   | 1330               | 26 500         | 18 800          | 4.9  |
| K12X18X12-TV        | 12              | 18    | 12    | 10 000                    | 9 900                    | 1400               | 26 000         | 18 100          | 6    |
| K14X18X10           | 14              | 18    | 10    | 7100                      | 8 500                    | 1060               | 25 000         | 17 300          | 4    |
| K14X18X13           | 14              | 18    | 13    | 8200                      | 10 100                   | 1320               | 25 000         | 17 700          | 6.5  |
| K14X18X15-TV        | 14              | 18    | 15    | 9500                      | 12 300                   | 1540               | 25 000         | 17 400          | 5    |
| K14X18X17           | 14              | 18    | 17    | 10 800                    | 14 400                   | 1890               | 25 000         | 17 300          | 8    |
| K14X20X12           | 14              | 20    | 12    | 10 300                    | 10 600                   | 1490               | 24 300         | 16 200          | 8.5  |
| K15X18X17-TV        | 15              | 18    | 17    | 8000                      | 12 100                   | 1730               | 24 600         | 17 700          | 4.6  |
| K15X19X10           | 15              | 19    | 10    | 7500                      | 9 200                    | 1140               | 24 300         | 16 200          | 5    |
| K15X19X13           | 15              | 19    | 13    | 8500                      | 10 900                   | 1420               | 24 300         | 16 600          | 7    |

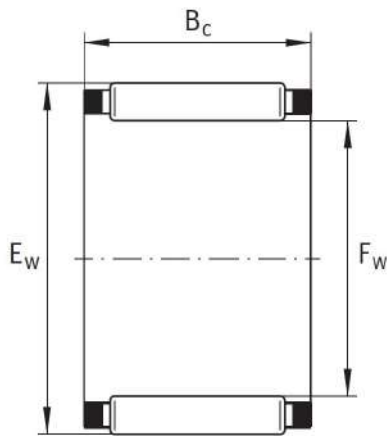


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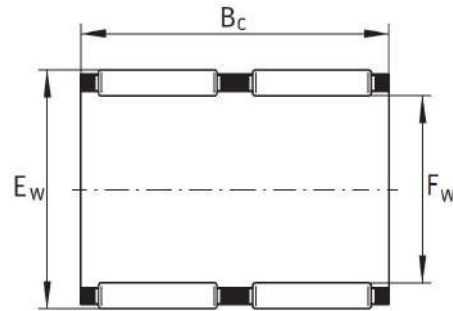


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| Bearing designation | Dimensions (mm) |    |    | Basic dynamic load rating | Basic static load rating | Fatigue load limit | Limiting speed | Reference speed | Mass |
|---------------------|-----------------|----|----|---------------------------|--------------------------|--------------------|----------------|-----------------|------|
|                     | Fw              | Ew | Bc | C <sub>r</sub>            | C <sub>or</sub>          | Cur                | nG             | nB              | m    |
|                     |                 |    |    | N                         | N                        | N                  | min-1          | min-1           | ≈g   |
| K15X19X17           | 15              | 19 | 17 | 11 300                    | 15 600                   | 2040               | 24 300         | 16 200          | 9.5  |
| K15X20X13           | 15              | 20 | 13 | 9900                      | 11 500                   | 1430               | 23 900         | 15 900          | 7    |
| K15X21X15           | 15              | 21 | 15 | 14 300                    | 16 400                   | 2210               | 23 600         | 14 700          | 11   |
| K15X21X21           | 15              | 21 | 21 | 19 400                    | 24 300                   | 3300               | 23 600         | 14 400          | 17   |
| K16X20X10           | 16              | 20 | 10 | 7800                      | 9 900                    | 1230               | 23 600         | 15 200          | 5.5  |
| K16X20X13           | 16              | 20 | 13 | 8900                      | 11 800                   | 1530               | 23 600         | 15 600          | 7.5  |
| K16X20X17           | 16              | 20 | 17 | 11 700                    | 16 800                   | 2190               | 23 600         | 15 200          | 10   |
| K16X22X12           | 16              | 22 | 12 | 11 500                    | 12 500                   | 1780               | 22 900         | 14 300          | 10   |
| K16X22X16           | 16              | 22 | 16 | 14 800                    | 17 500                   | 2390               | 22 900         | 14 100          | 12   |
| K16X22X20           | 16              | 22 | 20 | 18 300                    | 22 800                   | 3050               | 22 900         | 14 000          | 17   |
| K16X24X20           | 16              | 24 | 20 | 21 400                    | 23 500                   | 2950               | 22 400         | 13 200          | 22   |
| K17X21X10           | 17              | 21 | 10 | 8100                      | 10 600                   | 1310               | 22 900         | 14 400          | 5.5  |
| K17X21X13           | 17              | 21 | 13 | 10 400                    | 14 600                   | 1810               | 22 900         | 14 100          | 6.5  |
| K17X21X17           | 17              | 21 | 17 | 12 200                    | 17 900                   | 2350               | 22 900         | 14 400          | 9.5  |
| K18X22X10           | 18              | 22 | 10 | 8400                      | 11 300                   | 1400               | 22 400         | 13 600          | 6    |
| K18X22X13           | 18              | 22 | 13 | 9200                      | 12 700                   | 1650               | 22 400         | 14 200          | 8    |
| K18X22X17           | 18              | 22 | 17 | 12 100                    | 18 000                   | 2360               | 22 400         | 13 900          | 11   |
| K18X24X12           | 18              | 24 | 12 | 12 800                    | 14 900                   | 2120               | 21 800         | 12 700          | 12   |
| K18X24X13           | 18              | 24 | 13 | 13 100                    | 15 300                   | 1990               | 21 800         | 12 900          | 13   |

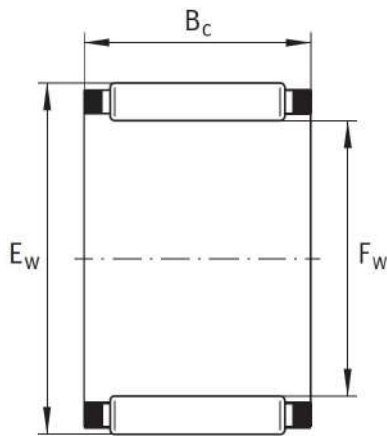


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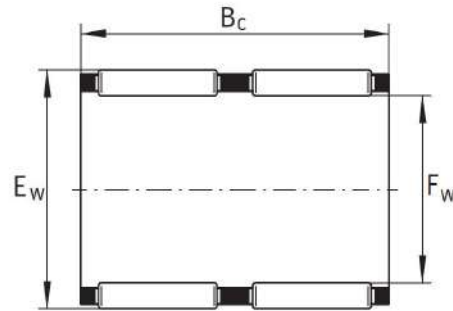


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| Bearing designation | Dimensions (mm) |    |    | Basic dynamic load rating | Basic static load rating | Fatigue load limit | Limiting speed | Reference speed | Mass |
|---------------------|-----------------|----|----|---------------------------|--------------------------|--------------------|----------------|-----------------|------|
|                     | Fw              | Ew | Bc | C <sub>r</sub>            | C <sub>or</sub>          | Cur                | nG             | nB              | m    |
|                     |                 |    |    | N                         | N                        | N                  | min-1          | min-1           | ≈g   |
| K18X24X20           | 18              | 24 | 20 | 20 200                    | 27 000                   | 3550               | 21 800         | 12 400          | 18   |
| K18X25X22           | 18              | 25 | 22 | 23 100                    | 29 000                   | 3750               | 21 600         | 12 200          | 23   |
| K19X23X13           | 19              | 23 | 13 | 9500                      | 13 500                   | 1750               | 21 800         | 13 500          | 8    |
| K19X23X17           | 19              | 23 | 17 | 12 500                    | 19 200                   | 2500               | 21 800         | 13 200          | 11   |
| K20X24X10           | 20              | 24 | 10 | 8 900                     | 12 600                   | 1570               | 21 300         | 12 400          | 6.5  |
| K20X24X13           | 20              | 24 | 13 | 9 800                     | 14 300                   | 1860               | 21 300         | 12 800          | 9    |
| K20X24X17           | 20              | 24 | 17 | 12 900                    | 20 400                   | 2650               | 21 300         | 12 500          | 12   |
| K20X26X12           | 20              | 26 | 12 | 13 400                    | 16 200                   | 2310               | 20 900         | 11 700          | 11   |
| K20X26X13           | 20              | 26 | 13 | 14 400                    | 17 900                   | 2330               | 20 900         | 11 600          | 12   |
| K20X26X17           | 20              | 26 | 17 | 19 200                    | 26 000                   | 3300               | 20 900         | 11 200          | 16   |
| K20X26X20           | 20              | 26 | 20 | 21 100                    | 29 000                   | 3900               | 20 900         | 11 400          | 19   |
| K20X28X16           | 20              | 28 | 16 | 19 800                    | 22 400                   | 3000               | 20 400         | 11 100          | 20   |
| K20X28X20           | 20              | 28 | 20 | 23 900                    | 28 500                   | 3600               | 20 400         | 11 100          | 27   |
| K20X28X25           | 20              | 28 | 25 | 30 500                    | 39 000                   | 5300               | 20 400         | 10 800          | 32   |
| K20X30X30           | 20              | 30 | 30 | 35 500                    | 41 500                   | 5500               | 19 600         | 10 800          | 49   |
| K21X25X13           | 21              | 25 | 13 | 10 100                    | 15 100                   | 1970               | 20 900         | 12 300          | 9    |
| K22X26X10           | 22              | 26 | 10 | 9 100                     | 13 400                   | 1670               | 20 400         | 11 500          | 7.5  |
| K22X26X13           | 22              | 26 | 13 | 10 400                    | 15 900                   | 2080               | 20 400         | 11 800          | 9.5  |
| K22X26X17           | 22              | 26 | 17 | 13 700                    | 22 700                   | 3000               | 20 400         | 11 500          | 12   |



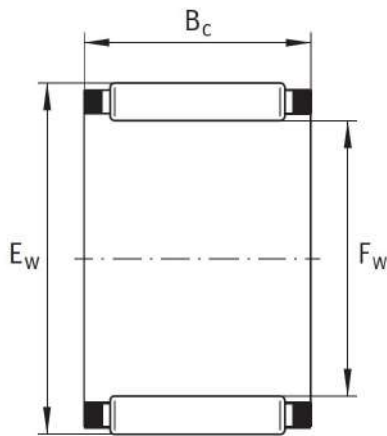
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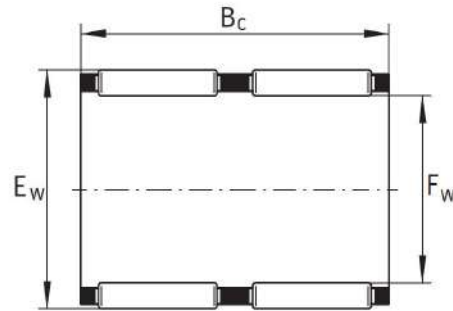
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| Bearing designation | Dimensions (mm) |       |       | Basic dynamic load rating | Basic static load rating | Fatigue load limit | Limiting speed | Reference speed | Mass |
|---------------------|-----------------|-------|-------|---------------------------|--------------------------|--------------------|----------------|-----------------|------|
|                     | $F_w$           | $E_w$ | $B_c$ | $C_r$                     | $C_{or}$                 | $C_{ur}$           | $n_G$          | $n_B$           | $m$  |
|                     |                 |       |       | N                         | N                        | N                  | min-1          | min-1           | ≈g   |
| K22X28X17           | 22              | 28    | 17    | 19 400                    | 27 000                   | 3450               | 19 600         | 10 500          | 18   |
| K22X29X16           | 22              | 29    | 16    | 20 000                    | 25 500                   | 3350               | 19 200         | 10 300          | 16   |
| K22X30X15-TV        | 22              | 30    | 15    | 20 100                    | 23 400                   | 3050               | 18 800         | 10 200          | 18   |
| K22X32X24           | 22              | 32    | 24    | 34 000                    | 40 000                   | 4900               | 18 100         | 9700            | 43   |
| K23X35X16-TV        | 23              | 35    | 16    | 24 500                    | 23 900                   | 2950               | 16 900         | 9500            | 29   |
| K24X28X10           | 24              | 28    | 10    | 9 600                     | 14 800                   | 1840               | 18 800         | 10 600          | 8.5  |
| K24X28X13           | 24              | 28    | 13    | 11 000                    | 17 600                   | 2290               | 18 800         | 10 800          | 10   |
| K24X28X17           | 24              | 28    | 17    | 14 500                    | 25 000                   | 3300               | 18 800         | 10 600          | 13   |
| K24X30X17           | 24              | 30    | 17    | 19 500                    | 27 500                   | 3500               | 18 100         | 10 000          | 19   |
| K24X30X31-ZW        | 24              | 30    | 31    | 27 500                    | 43 500                   | 5800               | 18 100         | 10 400          | 32   |
| K25X29X10           | 25              | 29    | 10    | 9900                      | 15 400                   | 1930               | 18 100         | 10 200          | 8.5  |
| K25X29X13           | 25              | 29    | 13    | 11 300                    | 18 400                   | 2400               | 18 100         | 10 400          | 11   |
| K25X29X17           | 25              | 29    | 17    | 14 900                    | 26 000                   | 3450               | 18 100         | 10 200          | 14   |
| K25X30X17           | 25              | 30    | 17    | 18 700                    | 30 000                   | 3850               | 17 800         | 9600            | 16   |
| K25X30X20           | 25              | 30    | 20    | 21 700                    | 36 500                   | 4850               | 17 800         | 9500            | 18   |
| K25X30X26-ZW        | 25              | 30    | 26    | 21 400                    | 35 500                   | 4500               | 17 800         | 10 400          | 19   |
| K25X31X17           | 25              | 31    | 17    | 19 600                    | 28 500                   | 3600               | 17 500         | 9600            | 19   |
| K25X31X21           | 25              | 31    | 21    | 24 700                    | 38 000                   | 5100               | 17 500         | 9400            | 20   |
| K25X32X16           | 25              | 32    | 16    | 20 800                    | 27 500                   | 3650               | 17 200         | 9400            | 21   |



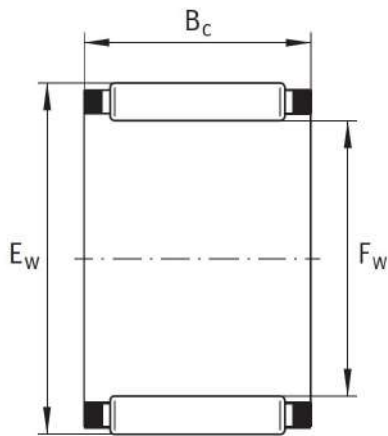


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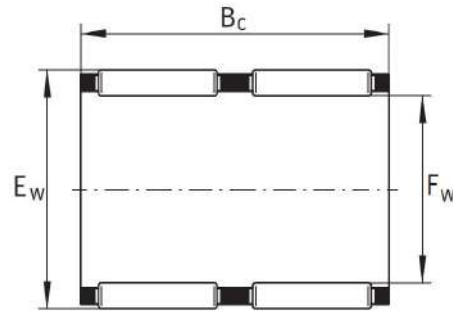


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|---------------------|-----------------|----|----|---------------------------|--------------------------|--------------------|----------------|-----------------|------|
|                     | Fw              | Ew | Bc | C <sub>r</sub>            | C <sub>or</sub>          | C <sub>ur</sub>    | nG             | nB              | m    |
|                     |                 |    |    | N                         | N                        | N                  | min-1          | min-1           | ≈g   |
| K25X33X20           | 25              | 33 | 20 | 28 500                    | 38 000                   | 4850               | 16 900         | 9000            | 33   |
| K25X33X24           | 25              | 33 | 24 | 34 000                    | 47 000                   | 6300               | 16 900         | 8900            | 39   |
| K25X35X30           | 25              | 35 | 30 | 47 000                    | 62 000                   | 8300               | 16 300         | 8500            | 65   |
| K26X30X13           | 26              | 30 | 13 | 11 600                    | 19 200                   | 2500               | 17 500         | 10 100          | 11   |
| K26X30X17           | 26              | 30 | 17 | 15 200                    | 27 500                   | 3600               | 17 500         | 9800            | 15   |
| K26X30X22-ZW        | 26              | 30 | 22 | 15 700                    | 28 500                   | 3550               | 17 500         | 10 400          | 12   |
| K28X33X13           | 28              | 33 | 13 | 15 300                    | 24 200                   | 3100               | 16 100         | 8900            | 13   |
| K28X33X17           | 28              | 33 | 17 | 19 700                    | 33 500                   | 4250               | 16 100         | 8700            | 17   |
| K28X34X17           | 28              | 34 | 17 | 21 800                    | 33 500                   | 4300               | 15 800         | 8600            | 24   |
| K28X35X16           | 28              | 35 | 16 | 21 500                    | 29 500                   | 3950               | 15 600         | 8700            | 24   |
| K28X35X18           | 28              | 35 | 18 | 24 000                    | 34 000                   | 4700               | 15 600         | 8600            | 27   |
| K28X40X25           | 28              | 40 | 25 | 45 500                    | 55 000                   | 6600               | 14 400         | 7700            | 70   |
| K30X34X13           | 30              | 34 | 13 | 12 300                    | 21 700                   | 2850               | 15 300         | 8900            | 14   |
| K30X35X13           | 30              | 35 | 13 | 15 600                    | 25 500                   | 3250               | 15 100         | 8400            | 14   |
| K30X35X17           | 30              | 35 | 17 | 19 600                    | 34 000                   | 4300               | 15 100         | 8300            | 19   |
| K30X35X27           | 30              | 35 | 27 | 30 500                    | 59 000                   | 8500               | 15 100         | 8100            | 30   |
| K30X37X16           | 30              | 37 | 16 | 23 100                    | 33 500                   | 4450               | 14 600         | 8000            | 27   |
| K30X37X18           | 30              | 37 | 18 | 26 000                    | 38 500                   | 5300               | 14 600         | 8000            | 30   |
| K30X40X18           | 30              | 40 | 18 | 32 000                    | 40 000                   | 5000               | 14 000         | 7600            | 48   |



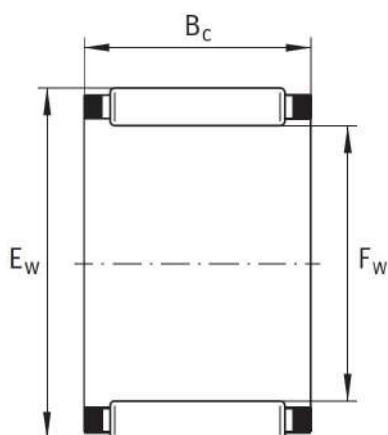
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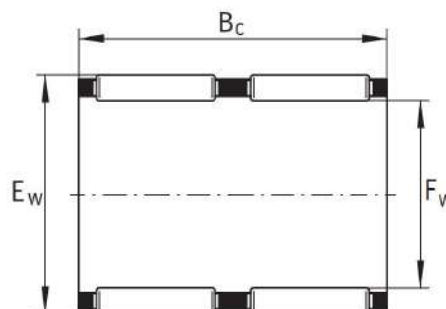
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|---------------------|-----------------|----|----|---------------------------|--------------------------|--------------------|----------------|-----------------|------|
|                     | Fw              | Ew | Bc | C <sub>r</sub>            | C <sub>or</sub>          | Cur                | nG             | nB              | m    |
|                     |                 |    |    | N                         | N                        | N                  | min-1          | min-1           | ≈g   |
| K30X40X30           | 30              | 40 | 30 | 49 000                    | 69 000                   | 9200               | 14 000         | 7500            | 73   |
| K32X37X13           | 32              | 37 | 13 | 15 500                    | 25 500                   | 3300               | 14 200         | 8100            | 18   |
| K32X37X17           | 32              | 37 | 17 | 19 900                    | 35 500                   | 4500               | 14 200         | 7900            | 19   |
| K32X37X27           | 32              | 37 | 27 | 30 000                    | 60 000                   | 8500               | 14 200         | 7800            | 30   |
| K32X38X20           | 32              | 38 | 20 | 26 500                    | 45 000                   | 6000               | 14 000         | 7700            | 30   |
| K32X39X16           | 32              | 39 | 16 | 23 800                    | 35 500                   | 4700               | 13 800         | 7600            | 37   |
| K32X39X18           | 32              | 39 | 18 | 26 500                    | 41 000                   | 5600               | 13 800         | 7500            | 31   |
| K32X40X25           | 32              | 40 | 25 | 37 500                    | 58 000                   | 7900               | 13 600         | 7400            | 49   |
| K32X40X42-ZW-TV     | 32              | 40 | 42 | 50 000                    | 84 000                   | 10 500             | 13 600         | 7800            | 77   |
| K32X46X32           | 32              | 46 | 32 | 66 000                    | 84 000                   | 11 100             | 12 600         | 6700            | 119  |
| K35X40X13           | 35              | 40 | 13 | 16 200                    | 28 000                   | 3600               | 13 100         | 7500            | 19   |
| K35X40X17           | 35              | 40 | 17 | 20 800                    | 38 500                   | 4900               | 13 100         | 7400            | 21   |
| K35X40X25           | 35              | 40 | 25 | 29 500                    | 60 000                   | 8400               | 13 100         | 7200            | 31   |
| K35X40X27-TV        | 35              | 40 | 27 | 25 000                    | 48 500                   | 6700               | 13 100         | 7900            | 39   |
| K35X42X16           | 35              | 42 | 16 | 24 400                    | 37 500                   | 5000               | 12 700         | 7100            | 34   |
| K35X42X18           | 35              | 42 | 18 | 27 500                    | 43 000                   | 6000               | 12 700         | 7100            | 34   |
| K35X42X20           | 35              | 42 | 20 | 30 000                    | 49 000                   | 6200               | 12 700         | 7000            | 37   |
| K35X42X30           | 35              | 42 | 30 | 39 000                    | 68 000                   | 9400               | 12 700         | 7200            | 67   |
| K35X45X20           | 35              | 45 | 20 | 37 000                    | 50 000                   | 6500               | 12 300         | 6800            | 56   |



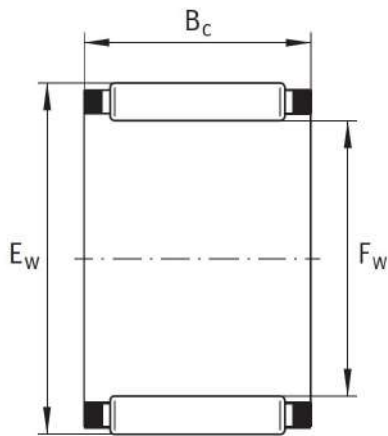


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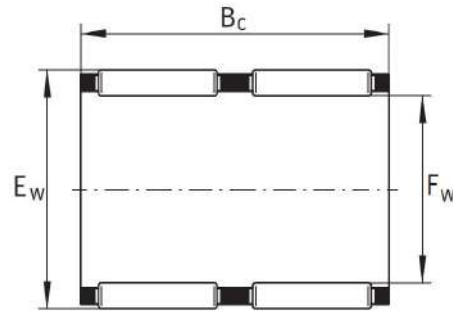


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| Bearing designation | Dimensions (mm) |       |       | Basic dynamic load rating | Basic static load rating | Fatigue load limit | Limiting speed | Reference speed | Mass |
|---------------------|-----------------|-------|-------|---------------------------|--------------------------|--------------------|----------------|-----------------|------|
|                     | $F_w$           | $E_w$ | $B_c$ | $C_r$                     | $C_{or}$                 | $C_{ur}$           | $nG$           | $nB$            | $m$  |
|                     |                 |       |       | N                         | N                        | N                  | min-1          | min-1           | ≈g   |
| K35X45X30           | 35              | 45    | 30    | 53 000                    | 79 000                   | 10 500             | 12 300         | 6700            | 80   |
| K37X42X17           | 37              | 42    | 17    | 22 400                    | 43 000                   | 5500               | 12 400         | 6900            | 22   |
| K38X43X17           | 38              | 43    | 17    | 20 500                    | 38 500                   | 4850               | 12 100         | 7000            | 29   |
| K38X43X27           | 38              | 43    | 27    | 31 500                    | 68 000                   | 9600               | 12 100         | 6800            | 43   |
| K38X46X20           | 38              | 46    | 20    | 35 500                    | 57 000                   | 7200               | 11 700         | 6300            | 47   |
| K38X46X32           | 38              | 46    | 32    | 55 000                    | 99 000                   | 14 200             | 11 700         | 6200            | 76   |
| K39X44X26-ZW        | 39              | 44    | 26    | 27 500                    | 56 000                   | 7100               | 11 800         | 7000            | 45   |
| K40X45X13           | 40              | 45    | 13    | 17 600                    | 32 500                   | 4200               | 11 500         | 6600            | 22   |
| K40X45X17           | 40              | 45    | 17    | 21 400                    | 41 500                   | 5200               | 11 500         | 6700            | 31   |
| K40X45X27           | 40              | 45    | 27    | 33 000                    | 73 000                   | 10 300             | 11 500         | 6500            | 46   |
| K40X47X18           | 40              | 47    | 18    | 29 500                    | 50 000                   | 6900               | 11 300         | 6300            | 39   |
| K40X47X20           | 40              | 47    | 20    | 32 500                    | 57 000                   | 7200               | 11 300         | 6200            | 42   |
| K40X48X20           | 40              | 48    | 20    | 36 000                    | 59 000                   | 7500               | 11 100         | 6100            | 49   |
| K42X47X13           | 42              | 47    | 13    | 17 800                    | 33 500                   | 4350               | 11 000         | 6400            | 18   |
| K42X47X17           | 42              | 47    | 17    | 21 700                    | 43 000                   | 5400               | 11 000         | 6400            | 32   |
| K42X47X30-ZW        | 42              | 47    | 30    | 33 500                    | 76 000                   | 10 000             | 11 000         | 6400            | 54   |
| K42X50X20           | 42              | 50    | 20    | 35 000                    | 57 000                   | 7300               | 10 700         | 6000            | 53   |
| K43X48X17           | 43              | 48    | 17    | 21 600                    | 43 000                   | 5400               | 10 800         | 6300            | 30   |
| K43X48X27           | 43              | 48    | 27    | 33 500                    | 75 000                   | 10 700             | 10 800         | 6200            | 50   |

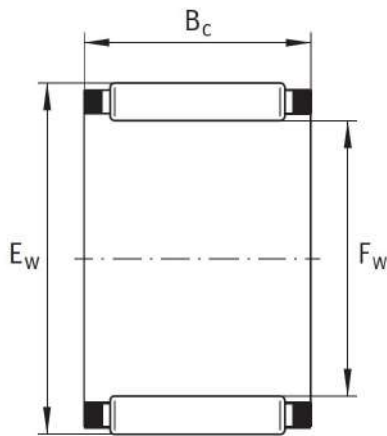


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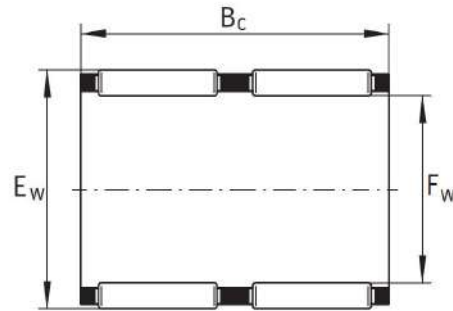


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| Bearing designation | Dimensions (mm) |       |       | Basic dynamic load rating | Basic static load rating | Fatigue load limit | Limiting speed | Reference speed | Mass |
|---------------------|-----------------|-------|-------|---------------------------|--------------------------|--------------------|----------------|-----------------|------|
|                     | $F_w$           | $E_w$ | $B_c$ | $C_r$                     | $C_{or}$                 | $C_{ur}$           | $nG$           | $nB$            | $m$  |
|                     |                 |       |       | N                         | N                        | N                  | min-1          | min-1           | ≈g   |
| K45X50X17           | 45              | 50    | 17    | 22 500                    | 46 000                   | 5800               | 10 300         | 6100            | 34   |
| K45X50X27           | 45              | 50    | 27    | 34 500                    | 80 000                   | 11 400             | 10 300         | 5900            | 51   |
| K45X52X18           | 45              | 52    | 18    | 31 500                    | 57 000                   | 7900               | 10 100         | 5700            | 42   |
| K45X53X20           | 45              | 53    | 20    | 39 000                    | 67 000                   | 8700               | 10 000         | 5500            | 55   |
| K45X53X21           | 45              | 53    | 21    | 38 500                    | 67 000                   | 8600               | 10 000         | 5600            | 60   |
| K45X53X28           | 45              | 53    | 28    | 52 000                    | 98 000                   | 13 700             | 10 000         | 5400            | 81   |
| K45X59X18-TV        | 45              | 59    | 18    | 44 500                    | 54 000                   | 6900               | 9400           | 5400            | 72   |
| K45X59X32           | 45              | 59    | 32    | 73 000                    | 103 000                  | 13 800             | 9400           | 5300            | 148  |
| K47X52X17           | 47              | 52    | 17    | 23 300                    | 49 000                   | 6100               | 9900           | 5800            | 35   |
| K47X52X27           | 47              | 52    | 27    | 35 000                    | 83 000                   | 11 800             | 9900           | 5700            | 51   |
| K50X55X13,5         | 50              | 55    | 13.5  | 18 200                    | 36 500                   | 4600               | 9300           | 5700            | 30   |
| K50X55X17           | 50              | 55    | 17    | 22 100                    | 47 000                   | 6300               | 9300           | 5700            | 35   |
| K50X55X20           | 50              | 55    | 20    | 26 500                    | 60 000                   | 7800               | 9300           | 5500            | 43   |
| K50X55X30           | 50              | 55    | 30    | 39 000                    | 97 000                   | 13 900             | 9300           | 5400            | 65   |
| K50X57X18           | 50              | 57    | 18    | 33 500                    | 63 000                   | 8800               | 9200           | 5200            | 47   |
| K50X58X20           | 50              | 58    | 20    | 35 500                    | 62 000                   | 8800               | 9100           | 5400            | 75   |
| K50X58X25           | 50              | 58    | 25    | 44 000                    | 81 000                   | 10 800             | 9100           | 5300            | 90   |
| K52X57X12           | 52              | 57    | 12    | 18 000                    | 36 500                   | 4600               | 9000           | 5400            | 24   |
| K55X60X20           | 55              | 60    | 20    | 28 500                    | 66 000                   | 8600               | 8500           | 5100            | 40   |

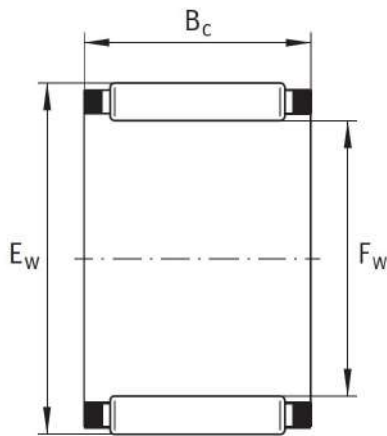


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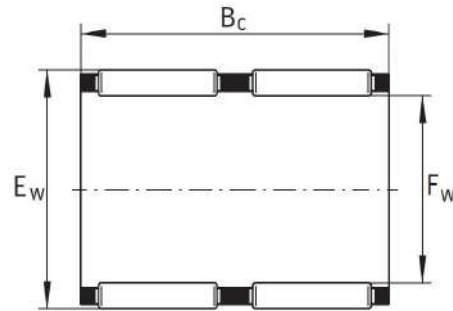


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| Bearing designation | Dimensions (mm) |    |    | Basic dynamic load rating | Basic static load rating | Fatigue load limit | Limiting speed | Reference speed | Mass |
|---------------------|-----------------|----|----|---------------------------|--------------------------|--------------------|----------------|-----------------|------|
|                     | Fw              | Ew | Bc | C <sub>r</sub>            | C <sub>or</sub>          | Cur                | nG             | nB              | m    |
|                     |                 |    |    | N                         | N                        | N                  | min-1          | min-1           | ≈g   |
| K55X60X27           | 55              | 60 | 27 | 38 000                    | 97 000                   | 13 600             | 8500           | 4950            | 60   |
| K55X60X30           | 55              | 60 | 30 | 41 000                    | 108 000                  | 15 400             | 8500           | 4950            | 71   |
| K55X62X18           | 55              | 62 | 18 | 35 500                    | 70 000                   | 9800               | 8400           | 4750            | 52   |
| K55X63X20           | 55              | 63 | 20 | 40 000                    | 74 000                   | 9500               | 8300           | 4800            | 67   |
| K55X63X25           | 55              | 63 | 25 | 50 000                    | 100 000                  | 13 700             | 8300           | 4700            | 80   |
| K55X63X32           | 55              | 63 | 32 | 62 000                    | 130 000                  | 18 600             | 8300           | 4650            | 102  |
| K58X65X18           | 58              | 65 | 18 | 35 000                    | 70 000                   | 9800               | 8000           | 4650            | 52   |
| K58X65X36-ZW        | 58              | 65 | 36 | 49 000                    | 107 000                  | 14 600             | 8000           | 5100            | 127  |
| K60X65X20           | 60              | 65 | 20 | 29 500                    | 72 000                   | 9300               | 7800           | 4750            | 52   |
| K60X65X30           | 60              | 65 | 30 | 42 500                    | 116 000                  | 16 600             | 7800           | 4650            | 77   |
| K60X66X33-ZW        | 60              | 66 | 33 | 46 000                    | 112 000                  | 15 100             | 7800           | 4800            | 104  |
| K60X66X40-ZW        | 60              | 66 | 40 | 58 000                    | 151 000                  | 19 900             | 7800           | 4650            | 116  |
| K60X68X20           | 60              | 68 | 20 | 43 500                    | 85 000                   | 11 000             | 7700           | 4400            | 71   |
| K60X68X23           | 60              | 68 | 23 | 49 500                    | 101 000                  | 13 500             | 7700           | 4350            | 94   |
| K60X68X25           | 60              | 68 | 25 | 53 000                    | 111 000                  | 15 200             | 7700           | 4350            | 89   |
| K60X68X30-ZW        | 60              | 68 | 30 | 44 500                    | 88 000                   | 11 300             | 7700           | 4950            | 129  |
| K60X75X42           | 60              | 75 | 42 | 118 000                   | 199 000                  | 27 000             | 7300           | 4050            | 240  |
| K62X70X40-ZW        | 62              | 70 | 40 | 66 000                    | 146 000                  | 20 500             | 7400           | 4550            | 174  |
| K64X70X16           | 64              | 70 | 16 | 28 000                    | 60 000                   | 8100               | 7300           | 4500            | 53   |

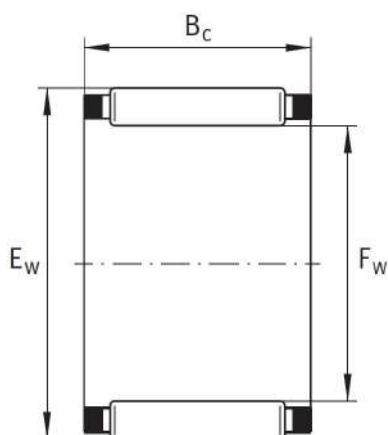


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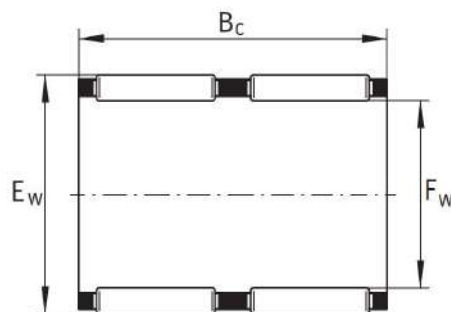


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| Bearing designation | Dimensions (mm) |    |    | Basic dynamic load rating | Basic static load rating | Fatigue load limit | Limiting speed | Reference speed | Mass |
|---------------------|-----------------|----|----|---------------------------|--------------------------|--------------------|----------------|-----------------|------|
|                     | Fw              | Ew | Bc | C <sub>r</sub>            | C <sub>or</sub>          | Cur                | nG             | nB              | m    |
|                     |                 |    |    | N                         | N                        | N                  | min-1          | min-1           | ≈g   |
| K65X70X20           | 65              | 70 | 20 | 30 500                    | 77 000                   | 10 000             | 7300           | 4450            | 56   |
| K65X70X30           | 65              | 70 | 30 | 44 000                    | 124 000                  | 17 800             | 7300           | 4350            | 83   |
| K65X73X23           | 65              | 73 | 23 | 46 000                    | 94 000                   | 12 200             | 7100           | 4300            | 108  |
| K65X73X30           | 65              | 73 | 30 | 57 000                    | 123 000                  | 17 100             | 7100           | 4300            | 141  |
| K68X74X20           | 68              | 74 | 20 | 35 500                    | 84 000                   | 11 000             | 6900           | 4200            | 71   |
| K68X74X30           | 68              | 74 | 30 | 46 500                    | 118 000                  | 16 900             | 6900           | 4300            | 100  |
| K68X74X35-ZW        | 68              | 74 | 35 | 48 500                    | 125 000                  | 17 200             | 6900           | 4450            | 120  |
| K70X76X20           | 70              | 76 | 20 | 36 000                    | 86 000                   | 11 300             | 6700           | 4100            | 71   |
| K70X76X30           | 70              | 76 | 30 | 52 000                    | 139 000                  | 20 100             | 6700           | 4000            | 110  |
| K70X78X30           | 70              | 78 | 30 | 60 000                    | 135 000                  | 18 800             | 6600           | 4000            | 148  |
| K72X80X20           | 72              | 80 | 20 | 41 500                    | 85 000                   | 11 900             | 6400           | 4000            | 98   |
| K73X79X20           | 73              | 79 | 20 | 37 000                    | 90 000                   | 11 800             | 6400           | 4000            | 75   |
| K75X81X20           | 75              | 81 | 20 | 37 500                    | 94 000                   | 12 300             | 6300           | 3850            | 79   |
| K75X81X30           | 75              | 81 | 30 | 52 000                    | 143 000                  | 20 400             | 6300           | 3850            | 114  |
| K75X83X23           | 75              | 83 | 23 | 50 000                    | 109 000                  | 14 200             | 6200           | 3800            | 124  |
| K75X83X30           | 75              | 83 | 30 | 62 000                    | 143 000                  | 20 000             | 6200           | 3800            | 147  |
| K75X83X35-ZW        | 75              | 83 | 35 | 63 000                    | 147 000                  | 19 900             | 6200           | 3950            | 182  |
| K75X83X40-ZW        | 75              | 83 | 40 | 73 000                    | 177 000                  | 25 000             | 6200           | 3900            | 211  |
| K80X86X20           | 80              | 86 | 20 | 38 500                    | 98 000                   | 12 900             | 5900           | 3700            | 60   |

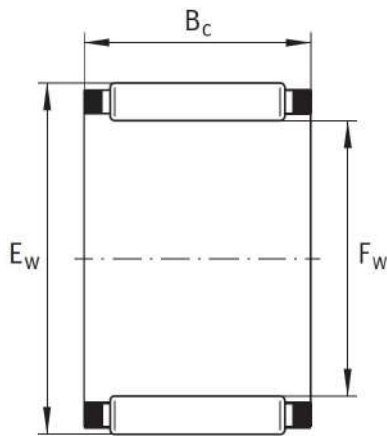


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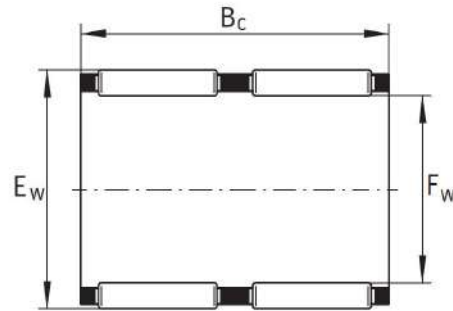


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| Bearing designation | Dimensions (mm) |     |    | Basic dynamic load rating | Basic static load rating | Fatigue load limit | Limiting speed | Reference speed | Mass |
|---------------------|-----------------|-----|----|---------------------------|--------------------------|--------------------|----------------|-----------------|------|
|                     | Fw              | Ew  | Bc | C <sub>r</sub>            | C <sub>or</sub>          | Cur                | nG             | nB              | m    |
|                     |                 |     |    | N                         | N                        | N                  | min-1          | min-1           | ≈g   |
| K80X88X30           | 80              | 88  | 30 | 71 000                    | 176 000                  | 25 000             | 5800           | 3400            | 138  |
| K80X88X40-ZW        | 80              | 88  | 40 | 76 000                    | 192 000                  | 27 000             | 5800           | 3700            | 227  |
| K80X88X46-ZW        | 80              | 88  | 46 | 88 000                    | 231 000                  | 30 000             | 5800           | 3650            | 260  |
| K85X92X20           | 85              | 92  | 20 | 44 500                    | 108 000                  | 15 100             | 5500           | 3450            | 102  |
| K90X97X20           | 90              | 97  | 20 | 45 000                    | 113 000                  | 15 800             | 5200           | 3300            | 109  |
| K90X98X27           | 90              | 98  | 27 | 61 000                    | 150 000                  | 20 300             | 5200           | 3300            | 150  |
| K90X98X30           | 90              | 98  | 30 | 68 000                    | 172 000                  | 24 000             | 5200           | 3300            | 172  |
| K95X103X30          | 95              | 103 | 30 | 69 000                    | 180 000                  | 25 000             | 4950           | 3150            | 165  |
| K95X103X40-ZW       | 95              | 103 | 40 | 83 000                    | 228 000                  | 32 500             | 4950           | 3200            | 266  |
| K100X107X21         | 100             | 107 | 21 | 48 000                    | 127 000                  | 17 600             | 4750           | 3100            | 120  |
| K100X108X27         | 100             | 108 | 27 | 57 000                    | 143 000                  | 18 900             | 4700           | 3200            | 185  |
| K100X108X30         | 100             | 108 | 30 | 71 000                    | 188 000                  | 26 000             | 4700           | 3050            | 180  |
| K105X112X21         | 105             | 112 | 21 | 47 500                    | 127 000                  | 17 400             | 4500           | 3000            | 129  |
| K110X117X24         | 110             | 117 | 24 | 56 000                    | 158 000                  | 19 800             | 4300           | 2850            | 172  |
| K110X118X30         | 110             | 118 | 30 | 78 000                    | 219 000                  | 29 500             | 4300           | 2750            | 217  |
| K115X123X27         | 115             | 123 | 27 | 63 000                    | 170 000                  | 21 600             | 4100           | 2850            | 200  |
| K120X127X24         | 120             | 127 | 24 | 59 000                    | 174 000                  | 21 400             | 3950           | 2650            | 165  |
| K125X133X35         | 125             | 133 | 35 | 86 000                    | 260 000                  | 34 500             | 3800           | 2600            | 275  |
| K130X137X24         | 130             | 137 | 24 | 61 000                    | 186 000                  | 22 300             | 3650           | 2500            | 170  |



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| Bearing designation | Dimensions (mm) |     |    | Basic dynamic load rating | Basic static load rating | Fatigue load limit | Limiting speed | Reference speed | Mass |
|---------------------|-----------------|-----|----|---------------------------|--------------------------|--------------------|----------------|-----------------|------|
|                     | Fw              | Ew  | Bc | C <sub>r</sub>            | C <sub>or</sub>          | Cur                | nG             | nB              | m    |
|                     |                 |     |    | N                         | N                        | N                  | min-1          | min-1           | ≈g   |
| K135X143X35         | 135             | 143 | 35 | 91 000                    | 290 000                  | 37 500             | 3550           | 2390            | 300  |
| K145X153X26         | 145             | 153 | 26 | 74 000                    | 225 000                  | 27 000             | 3300           | 2280            | 262  |
| K150X160X46         | 150             | 160 | 46 | 147 000                   | 470 000                  | 60 000             | 3150           | 2100            | 570  |
| K155X163X26         | 155             | 163 | 26 | 75 000                    | 236 000                  | 28 000             | 3100           | 2180            | 265  |
| K160X170X46         | 160             | 170 | 46 | 152 000                   | 510 000                  | 63 000             | 2950           | 1970            | 550  |
| K165X173X26         | 165             | 173 | 26 | 81 000                    | 265 000                  | 30 500             | 2900           | 2030            | 320  |
| K175X183X32         | 175             | 183 | 32 | 99 000                    | 350 000                  | 41 500             | 2750           | 1930            | 400  |
| K185X195X37         | 185             | 195 | 37 | 128 000                   | 425 000                  | 48 500             | 2600           | 1840            | 607  |
| K195X205X37         | 195             | 205 | 37 | 133 000                   | 450 000                  | 51 000             | 2450           | 1760            | 620  |
| K210X220X42         | 210             | 220 | 42 | 154 000                   | 560 000                  | 63 000             | 2280           | 1590            | 740  |
| K220X230X42         | 220             | 230 | 42 | 158 000                   | 590 000                  | 66 000             | 2180           | 1510            | 790  |
| K240X250X42         | 240             | 250 | 42 | 164 000                   | 630 000                  | 69 000             | 2000           | 1390            | 850  |
| K265X280X50         | 265             | 280 | 50 | 255 000                   | 860 000                  | 91 000             | 1800           | 1160            | 1810 |



**Shaanxi Gainhui Heavy Industries Co., Ltd.**  
Bearing Manufacturer And Supplier In China

## BECAUSE WE ARE FOCUSED WE ARE PROFESSIONAL

We are committed to providing competitive bearing products and OEM services to global customers.



Founded in 2009, Shaanxi Gainhui Heavy Industries Co., Ltd. covers an area of 16,000 square meters, which is a professional bearing manufacturer and distributor in China. The company is committed to the design, manufacture and service of precision bearings, focusing on providing customers with reliable bearing products and cost-effective technical solutions.

The company adopts advanced production equipment and testing equipment, is equipped with a professional quality testing department, formulates a complete quality management system, and specializes in the production of high-precision, low-noise, and long-life bearings. Shaanxi Gainhui Heavy Industries Co., Ltd. insists on quality as the core, innovation as the driving force, promotes development through service, and sincerely provides services to customers all over the world.



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