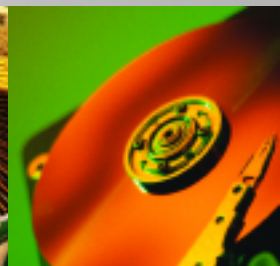
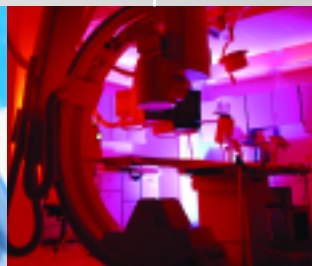


ZON™

Bearings for your future



Nadellager
Needle Roller Bearings





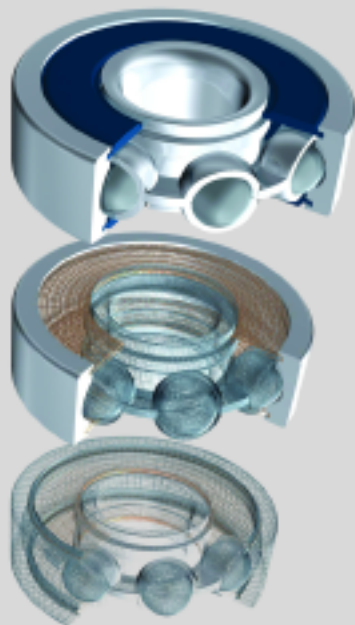
Bearings for your future

Zen Ball Bearings are manufactured to the highest quality for standard and non-standard applications. Our technical department can modify any non-standard bearings to your specific requirements, regardless of quantity.

Apart from our extensive miniature ball bearing range of more than 1000 different types, ranging from 1-10 mm bore (Including inch dimensions), our range also includes Thin section, Three part thrust, Popular metric and any kind of non standard bearing. We are able to design bearings according to your requirements using new materials like ceramic or special steels for applications in Industry, Medicine, Chemistry and Food Processing.

Our technical department can modify any non-standard bearings to your specific requirements, even for small quantities.

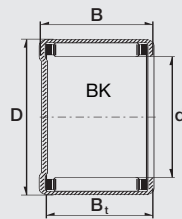
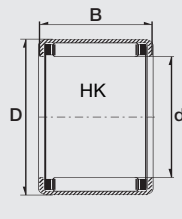
For any items not listed in our catalogue, please contact our experienced sales team.



Inhaltsverzeichnis Contents

Produktgruppe
[Product](#)

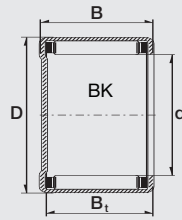
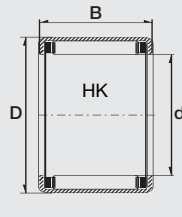
3 Nadellager
[Needle Roller Bearings](#)



Needle Roller Bearings
HK series with open ends

Drawn Cup
Needle Roller Bearings
BK series with closed end

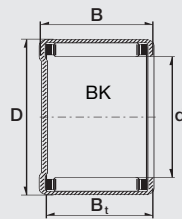
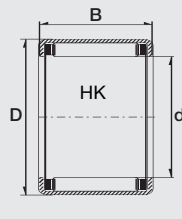
| Designation/Type | | Dimension (mm) | | | | * Load Rating | | Limiting speed x1000rpm |
|------------------|-----------------|----------------|----|---------------|--------------------------------|---------------|------------|----------------------------|
| with open ends | with closed end | d | D | B Tol.-0.3 | B _t min. only BK | C, dyn. N | C, stat. N | |
| HK 0608 | - | 6 | 10 | 8 | - | 1980 | 1540 | 34.0 |
| HK 0609 | BK 0609 | 6 | 10 | 9 | 7.4 | 2650 | 2400 | 35.0 |
| HK 0709 | BK 0709 | 7 | 11 | 9 | 7.4 | 2850 | 2750 | 30.0 |
| HK 0808 | BK 0808 | 8 | 12 | 8 | 6.4 | 2550 | 2400 | 27.0 |
| HK 0810 | BK 0810 | 8 | 12 | 10 | 8.4 | 3500 | 3650 | 27.0 |
| HK 0908 | - | 9 | 13 | 8 | - | 3300 | 3500 | 26.0 |
| HK 0910 | BK 0910 | 9 | 13 | 10 | 8.4 | 4000 | 4300 | 26.0 |
| HK 0912 | BK 0912 | 9 | 13 | 12 | 10.4 | 5000 | 5900 | 26.0 |
| HK 1010 | BK 1010 | 10 | 14 | 10 | 8.4 | 4100 | 4700 | 22.0 |
| HK 1012 | BK 1012 | 10 | 14 | 12 | 10.4 | 5100 | 6300 | 22.5 |
| HK 1015 | BK 1015 | 10 | 14 | 15 | 13.4 | 6300 | 8200 | 22.0 |
| HK 1210 | BK 1210 | 12 | 16 | 10 | 8.4 | 4600 | 5800 | 21.0 |
| HK 1212 | BK 1212 | 12 | 18 | 12 | 9.3 | 6000 | 6800 | 19.5 |
| HK 1312 | BK 1312 | 13 | 19 | 12 | 9.3 | 6300 | 7300 | 18.5 |
| HK 1412 | BK 1412 | 14 | 20 | 12 | 9.3 | 6600 | 7900 | 15.0 |
| HK 1512 | BK 1512 | 15 | 21 | 12 | 9.3 | 7300 | 8700 | 15.0 |
| HK 1516 | BK 1516 | 15 | 21 | 16 | 13.3 | 9800 | 13400 | 15.5 |
| HK 1612 | BK 1612 | 16 | 22 | 12 | 9.3 | 7100 | 9000 | 15.0 |
| HK 1616 | BK 1616 | 16 | 22 | 16 | 13.3 | 10100 | 14200 | 15.0 |
| HK 1712 | - | 17 | 23 | 12 | - | 7300 | 5600 | 13.5 |
| HK 1812 | BK 1812 | 18 | 24 | 12 | 9.3 | 7500 | 10100 | 13.0 |
| HK 1816 | BK 1816 | 18 | 24 | 16 | 13.3 | 10800 | 16000 | 14.0 |
| HK 2010 | - | 20 | 26 | 10 | - | 6000 | 7600 | 11.5 |
| HK 2012 | - | 20 | 26 | 12 | - | 8000 | 11200 | 12.0 |
| HK 2016 | BK 2016 | 20 | 26 | 16 | 13.3 | 12000 | 19000 | 12.5 |



Needle Roller Bearings
HK series with open ends

Drawn Cup
Needle Roller Bearings
BK series with closed end

| Designation/Type | | Dimension (mm) | | | | * Load Rating | | Limiting speed x1000rpm |
|------------------|-----------------|----------------|----|---------------|--------------------------------|---------------|------------|----------------------------|
| with open ends | with closed end | d | D | B Tol.-0.3 | B _t min. only BK | C, dyn. N | C, stat. N | |
| HK 2020 | BK 2020 | 20 | 26 | 20 | 17.3 | 15500 | 24000 | 12.0 |
| HK 2210 | - | 22 | 28 | 10 | - | 7000 | 10000 | 11.5 |
| HK 2212 | BK 2212 | 22 | 28 | 12 | 9.3 | 8500 | 12500 | 11.5 |
| HK 2216 | BK 2216 | 22 | 28 | 16 | 13.3 | 12500 | 20500 | 11.5 |
| HK 2220 | - | 22 | 28 | 20 | - | 15000 | 27000 | 11.5 |
| HK 2512 | - | 25 | 32 | 12 | - | 10000 | 15000 | 9.5 |
| HK 2516 | - | 25 | 32 | 16 | - | 14500 | 22000 | 10.0 |
| HK 2520 | BK 2520 | 25 | 32 | 20 | 17.3 | 18500 | 30000 | 10.0 |
| HK 2526 | BK 2526 | 25 | 32 | 26 | 23.3 | 23500 | 42000 | 10.0 |
| HK 2816 | - | 28 | 35 | 16 | - | 15000 | 24500 | 8.5 |
| HK 2820 | - | 28 | 35 | 20 | - | 20000 | 33500 | 8.5 |
| HK 3012 | BK 3012 | 30 | 37 | 12 | 9.3 | 11000 | 17000 | 8.5 |
| HK 3016 | BK 3016 | 30 | 37 | 16 | 13.3 | 16000 | 27000 | 8.5 |
| HK 3020 | BK 3020 | 30 | 37 | 20 | 17.3 | 21000 | 37000 | 8.5 |
| HK 3026 | BK 3026 | 30 | 37 | 26 | 23.3 | 26000 | 50000 | 8.5 |
| HK 3512 | - | 35 | 42 | 12 | - | 12000 | 20000 | 7.0 |



Needle Roller Bearings
HK series with open ends

Drawn Cup
Needle Roller Bearings
BK series with closed end

| Designation/Type | | Dimension (mm) | | | | * Load Rating | | Limiting speed x1000rpm |
|------------------|-----------------|----------------|----|---------------|--------------------------------|---------------|------------|----------------------------|
| with open ends | with closed end | d | D | B Tol.-0.3 | B _t min. only BK | C, dyn. N | C, stat. N | |
| HK 3516 | - | 35 | 42 | 16 | - | 18500 | 31000 | 7.0 |
| HK 3520 | BK 3520 | 35 | 42 | 20 | 17.3 | 22000 | 43000 | 7.5 |
| HK 4012 | - | 40 | 47 | 12 | - | 13000 | 22600 | 6.0 |
| HK 4016 | - | 40 | 47 | 16 | - | 18600 | 36000 | 6.0 |
| HK 4020 | BK 4020 | 40 | 47 | 20 | 17.3 | 24000 | 50000 | 6.0 |
| HK 4512 | - | 45 | 52 | 12 | - | 14000 | 25500 | 5.5 |
| HK 4516 | - | 45 | 52 | 16 | - | 20000 | 40500 | 5.5 |
| HK 4520 | BK 4520 | 45 | 52 | 20 | 17.3 | 25000 | 54500 | 5.5 |
| HK 5020 | - | 50 | 58 | 20 | - | 29000 | 58500 | 5.0 |
| HK 5025 | - | 50 | 58 | 25 | - | 35800 | 78000 | 4.8 |
| HK 5520 | - | 55 | 63 | 20 | - | 29500 | 62300 | 4.6 |
| HK 5528 | - | 55 | 63 | 28 | - | 41000 | 95800 | 4.6 |
| HK 6012 | - | 60 | 68 | 12 | - | 16200 | 30000 | 4.1 |
| HK 6020 | - | 60 | 68 | 20 | - | 31000 | 70000 | 4.4 |
| HK 6032 | - | 60 | 68 | 32 | - | 49500 | 125500 | 4.4 |

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Bearings for your future