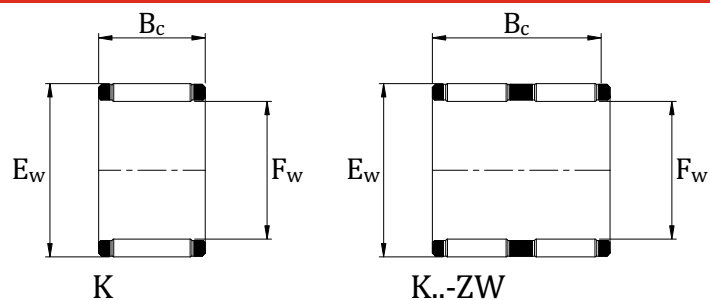


Needle Cages



| Designation | Dimensions | | | Basic Load Ratings | |
|---------------------|----------------|----------------|----------------|--------------------|-----------------|
| | F _w | E _w | B _c | Dynamic | Static |
| | | | | C _r | C _{or} |
| | | | | N | N |
| K 18x24x12 T | 18 | 24 | 12 | 12000 | 13450 |
| K 18x24x17 T | 18 | 24 | 17 | 17200 | 21400 |
| K 20x28x25 T | 20 | 28 | 25 | 30200 | 37700 |
| K 25x30x20 NW | 25 | 30 | 20 | 20600 | 33350 |
| K 25x30x26 T | 25 | 30 | 26 | 25900 | 44750 |
| K 25x31x17 T | 25 | 31 | 17 | 17450 | 23600 |
| K 25x31x33.6 -ZW | 25 | 31 | 33.6 | 31750 | 50900 |
| K 25x33x23.8 T | 25 | 33 | 23.8 | 34000 | 47000 |
| K 25.4X33.33X25.4 D | 25.4 | 33.32 | 25.4 | 34700 | 47550 |
| K 26x33x14 -TS | 26 | 33 | 14 | 19800 | 25500 |
| K 26x40x26 NW | 26 | 40 | 26 | 50700 | 56100 |
| K 28x36x16 -TC | 28 | 36 | 16 | 24100 | 30550 |
| K 28x38x16.5 T | 28 | 38 | 16.5 | 31200 | 37250 |
| K 32x38x26 T | 32 | 38 | 26 | 32750 | 57000 |
| K 34x42x38 T | 34 | 42 | 38 | 50900 | 84000 |
| K 37x42x17 T | 37 | 42 | 17 | 20900 | 39100 |
| K 39x55x20.5 T | 39 | 55 | 20.5 | 54700 | 62150 |
| K 40x45x27 T | 40 | 45 | 27 | 31900 | 67700 |
| K 42x46x51.4 -D ZW | 42 | 46 | 51.4 | 39100 | 102100 |
| K 45x52x18 T | 45 | 52 | 18 | 28100 | 48000 |
| K 45x53x28 T | 45 | 53 | 28 | 48250 | 86750 |
| K 50x56x23 T | 50 | 56 | 23 | 33500 | 67550 |
| K 55x60x20 T | 55 | 60 | 20 | 28000 | 65450 |

| Designation | Dimensions | | | Basic Load Ratings | |
|----------------|------------|----|----|--------------------|----------|
| | Fw | Ew | Bc | Dynamic | Static |
| | | | | C_r | C_{or} |
| | | | | | |
| K 55x63x15 T | 55 | 63 | 15 | 29000 | 47800 |
| K 55x63x25 T | 55 | 63 | 25 | 47200 | 89100 |
| K 55x63x38 -ZW | 55 | 63 | 38 | 60000 | 129000 |
| K 56x61x35 -ZW | 56 | 61 | 35 | 41350 | 108400 |
| K 60x68x25 T | 60 | 68 | 25 | 53900 | 111100 |