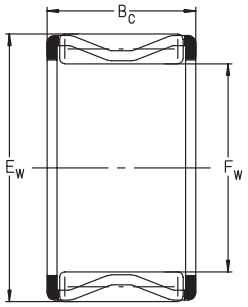
# Needle Roller And Cage Assemblies
## UNIT CAGE SERIES

- Inch and metric
- Single and double row




For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.
For engineering or technical information contact your local sales representative or call Distributor Sales (800)523-6572.

| PART NUMBER | SHAFT $F_w$ inch | SHAFT $F_w$ mm | HSG. BORE $E_w$ inch | HSG. BORE $E_w$ mm | WIDTH $B_c$ inch | WIDTH $B_c$ mm | WGT. lbs | WGT. g | DYN. CAP. C lbf | DYN. CAP. C N | STAT. CAP. $C_0$ lbf | STAT. CAP. $C_0$ N | SPEED LIMIT rpm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C182420 | 1.125 | 28.575 | 1.500 | 38.100 | 1.250 | 31.750 | 0.163 | 74.1 | 11,700 | 52000 | 17,100 | 76000 | 15,000 |
| K 30x34x13 | 1.181 | 30 | 1.339 | 34 | 0.512 | 13 | 0.031 | 14 | 2,750 | 12300 | 4,900 | 21700 | 15,000 |
| K 30x35x13 | 1.181 | 30 | 1.378 | 35 | 0.512 | 13 | 0.031 | 14 | 3,500 | 15600 | 5,700 | 25500 | 15,000 |
| K 30x35x17 | 1.181 | 30 | 1.378 | 35 | 0.669 | 17 | 0.042 | 19 | 4,400 | 19600 | 7,600 | 34000 | 15,000 |
| K 30x35x26 ZW | 1.181 | 30 | 1.378 | 35 | 1.024 | 26 | 0.079 | 36 | 5,400 | 24000 | 9,900 | 44000 | 15,000 |
| K 30x35x27 | 1.181 | 30 | 1.378 | 35 | 1.063 | 27 | 0.066 | 30 | 6,900 | 30500 | 13,300 | 59000 | 15,000 |
| K 30x37x16 | 1.181 | 30 | 1.457 | 37 | 0.630 | 16 | 0.06 | 27 | 5,200 | 23100 | 7,500 | 33500 | 15,000 |
| K 30x37x18 | 1.181 | 30 | 1.457 | 37 | 0.709 | 18 | 0.066 | 30 | 5,800 | 26000 | 8,700 | 38500 | 15,000 |
| K 30x40x18 | 1.181 | 30 | 1.575 | 40 | 0.709 | 18 | 0.106 | 48 | 7,200 | 32000 | 9,000 | 40000 | 14,000 |
| K 30x40x30 | 1.181 | 30 | 1.575 | 40 | 1.181 | 30 | 0.161 | 73 | 11,000 | 49000 | 15,500 | 69000 | 15,000 |
| C202412 (F88312) | 1.250 | 31.750 | 1.500 | 38.100 | 0.750 | 19.050 | 0.068 | 31.1 | 5,800 | 26000 | 9,600 | 42500 | 15,000 |
| C202612 | 1.250 | 31.750 | 1.625 | 41.275 | 0.750 | 19.050 | 0.107 | 48.7 | 7,800 | 34500 | 10,500 | 46500 | 13,000 |
| C202616 | 1.250 | 31.750 | 1.625 | 41.275 | 1.000 | 25.400 | 0.143 | 64.9 | 10,100 | 45000 | 14,600 | 65000 | 13,000 |
| C202624 | 1.250 | 31.750 | 1.625 | 41.275 | 1.500 | 38.100 | 0.215 | 97.4 | 14,400 | 64000 | 22,700 | 101000 | 13,000 |
| C202812 | 1.250 | 31.750 | 1.750 | 44.450 | 0.750 | 19.050 | 0.149 | 67.8 | 10,200 | 45500 | 12,400 | 55000 | 13,000 |
| K 32x37x13 | 1.260 | 32 | 1.457 | 37 | 0.512 | 13 | 0.04 | 18 | 3,500 | 15500 | 5,700 | 25500 | 14,000 |
| K 32x37x17 | 1.260 | 32 | 1.457 | 37 | 0.669 | 17 | 0.042 | 19 | 4,450 | 19900 | 8,000 | 35500 | 14,000 |
| K 32x37x27 | 1.260 | 32 | 1.457 | 37 | 1.063 | 27 | 0.066 | 30 | 6,700 | 30000 | 13,500 | 60000 | 14,000 |
| K 32x37x28 TN | 1.260 | 32 | 1.457 | 37 | 1.102 | 28 | 0.046 | 21 | 5,300 | 23600 | 9,800 | 43500 | 14,000 |
| K 32x38x16 | 1.260 | 32 | 1.496 | 38 | 0.630 | 16 | 0.055 | 25 | 4,850 | 21500 | 7,800 | 34500 | 14,000 |
| K 32x38x20 | 1.260 | 32 | 1.496 | 38 | 0.787 | 20 | 0.066 | 30 | 6,000 | 26500 | 10,100 | 45000 | 14,000 |
| K 32x38x26 | 1.260 | 32 | 1.496 | 38 | 1.024 | 26 | 0.084 | 38 | 7,500 | 33500 | 13,700 | 61000 | 14,000 |
| K 32x39x16 | 1.260 | 32 | 1.535 | 39 | 0.630 | 16 | 0.082 | 37 | 5,400 | 23800 | 8,000 | 35500 | 14,000 |
| K 32x39x18 | 1.260 | 32 | 1.535 | 39 | 0.709 | 18 | 0.068 | 31 | 6,000 | 26500 | 9,200 | 41000 | 14,000 |
| K 32x40x25 | 1.260 | 32 | 1.575 | 40 | 0.984 | 25 | 0.108 | 49 | 8,400 | 37500 | 13,000 | 58000 | 14,000 |
| K 32x40x36 | 1.260 | 32 | 1.575 | 40 | 1.417 | 36 | 0.161 | 73 | 12,100 | 54000 | 20,700 | 92000 | 14,000 |
| K 32x40x42 ZW TN | 1.260 | 32 | 1.575 | 40 | 1.654 | 42 | 0.17 | 77 | 11,200 | 50000 | 18,900 | 84000 | 14,000 |
| K 32x46x32 | 1.260 | 32 | 1.811 | 46 | 1.260 | 32 | 0.262 | 119 | 14,800 | 66000 | 18,700 | 83000 | 13,000 |
| C222820 | 1.375 | 34.925 | 1.750 | 44.450 | 1.250 | 31.750 | 0.195 | 88.2 | 12,600 | 56000 | 19,800 | 88000 | 12,000 |
| K 35x40x13 | 1.378 | 35 | 1.575 | 40 | 0.512 | 13 | 0.042 | 19 | 3,650 | 16200 | 6,300 | 28000 | 13,000 |
| K 35x40x17 | 1.378 | 35 | 1.575 | 40 | 0.669 | 17 | 0.046 | 21 | 4,700 | 20800 | 8,700 | 38500 | 13,000 |
| K 35x40x25 | 1.378 | 35 | 1.575 | 40 | 0.984 | 25 | 0.068 | 31 | 6,600 | 29500 | 13,500 | 60000 | 13,000 |
| K 35x40x27 TN | 1.378 | 35 | 1.575 | 40 | 1.063 | 27 | 0.086 | 39 | 5,600 | 25000 | 10,900 | 48500 | 13,000 |
| K 35x40x30 ZW | 1.378 | 35 | 1.575 | 40 | 1.181 | 30 | 0.106 | 48 | 5,700 | 25500 | 11,200 | 50000 | 13,000 |
| K 35x40x32 ZW | 1.378 | 35 | 1.575 | 40 | 1.260 | 32 | 0.11 | 50 | 7,200 | 32000 | 14,800 | 66000 | 13,000 |
| K 35x42x16 | 1.378 | 35 | 1.654 | 42 | 0.630 | 16 | 0.075 | 34 | 5,500 | 24400 | 8,400 | 37500 | 13,000 |
| K 35x42x18 | 1.378 | 35 | 1.654 | 42 | 0.709 | 18 | 0.075 | 34 | 6,200 | 27500 | 9,700 | 43000 | 13,000 |
| K 35x42x20 | 1.378 | 35 | 1.654 | 42 | 0.787 | 20 | 0.082 | 37 | 6,700 | 30000 | 11,000 | 49000 | 13,000 |
| K 35x42x30 | 1.378 | 35 | 1.654 | 42 | 1.181 | 30 | 0.148 | 67 | 8,800 | 39000 | 15,300 | 68000 | 13,000 |
| K 35x43x18 | 1.378 | 35 | 1.693 | 43 | 0.709 | 18 | 0.084 | 38 | 6,400 | 28500 | 9,400 | 42000 | 13,000 |
| K 35x45x20 | 1.378 | 35 | 1.772 | 45 | 0.787 | 20 | 0.123 | 56 | 8,300 | 37000 | 11,200 | 50000 | 12,000 |
| K 35x45x30 | 1.378 | 35 | 1.772 | 45 | 1.181 | 30 | 0.176 | 80 | 11,900 | 53000 | 17,800 | 79000 | 12,000 |
| K 35x45x49 | 1.378 | 35 | 1.772 | 45 | 1.929 | 49 | 0.304 | 138 | 18,400 | 82000 | 31,500 | 139000 | 12,000 |
| K 36x42x16 | 1.417 | 36 | 1.654 | 42 | 0.630 | 16 | 0.064 | 29 | 5,500 | 24600 | 9,600 | 42500 | 13,000 |
| K 37x42x17 | 1.457 | 37 | 1.654 | 42 | 0.669 | 17 | 0.049 | 22 | 5,000 | 22400 | 9,700 | 43000 | 12,000 |
| K 37x42x27 | 1.457 | 37 | 1.654 | 42 | 1.063 | 27 | 0.09 | 41 | 7,200 | 32000 | 15,300 | 68000 | 12,000 |