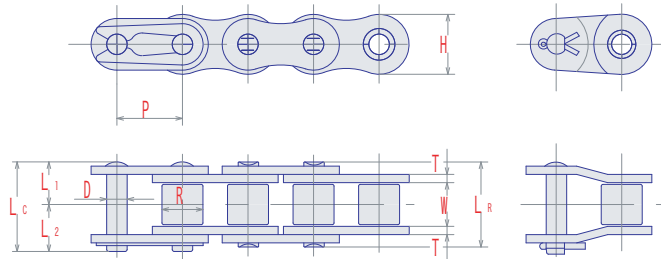


ANSI Standard Roller Chains

HKK'S precision power transmission roller chains are manufactured for high strength and long life. HKK solid bushings and rollers, specially treated pins and bushings, and stringently controlled heat treatment are only a few of the many features built into HKK Chain.

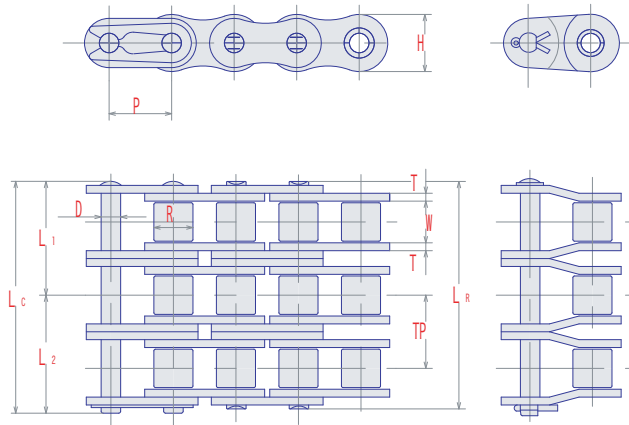
HKK meets or exceeds ANSI standard B29.1, making HKK the most suitable selection for almost any application. For more advantages of HKK chain see pages 2-4



| HKK Chain No. (ANSI) | Dimensions - mm | | | | | | | | | Average Ultimate Strength | Maximum Allowable Load | Average Chain Weight |
|----------------------|-----------------|--------|-------|------|--------|-------|--------|--------------|--------|---------------------------|------------------------|----------------------|
| | Pitch | Roller | | Pin | | Plate | | Trans. Pitch | | | | |
| | | Width | Dia. | Dia. | Length | | Height | | Thick. | | | |
| P | W | R | D | L1 | L2 | H | T | TP | kN | kN | kg/m | |
| HKK 35 * | 9.525 | 4.78 | 5.08 | 3.58 | 6.0 | 6.9 | 9.0 | 1.25 | - | 10.8 | 2.48 | 0.34 |
| HKK 35-2 * | | | | | 11.1 | 11.9 | | | 10.1 | 21.6 | 3.67 | 0.63 |
| HKK 35-3 * | | | | | 16.1 | 17.0 | | | 32.4 | 5.40 | 0.92 | |
| HKK 35-4 * | | | | | 21.2 | 22.0 | | | 43.2 | 7.13 | 1.22 | |
| HKK 40 | 12.70 | 7.95 | 7.92 | 3.96 | 8.3 | 9.6 | 11.7 | 1.5 | - | 19.1 | 4.17 | 0.60 |
| HKK 40-2 | | | | | 15.4 | 16.8 | | | 14.4 | 38.2 | 6.17 | 1.22 |
| HKK 40-3 | | | | | 22.5 | 24.1 | | | 57.3 | 9.08 | 1.85 | |
| HKK 40-4 | | | | | 30.0 | 30.8 | | | 76.4 | 12.0 | 2.46 | |
| HKK 50 | 15.875 | 9.53 | 10.16 | 5.08 | 10.2 | 11.8 | 14.6 | 2.0 | - | 31.9 | 7.22 | 0.98 |
| HKK 50-2 | | | | | 19.2 | 20.8 | | | 18.1 | 63.8 | 10.7 | 2.00 |
| HKK 50-3 | | | | | 28.4 | 29.8 | | | 95.7 | 15.7 | 3.07 | |
| HKK 50-4 | | | | | 37.5 | 38.2 | | | 128 | 20.7 | 3.97 | |
| HKK 60 | 19.05 | 12.70 | 11.91 | 5.95 | 12.8 | 14.1 | 17.5 | 2.4 | - | 43.1 | 10.7 | 1.46 |
| HKK 60-2 | | | | | 24.0 | 25.7 | | | 22.8 | 86.2 | 14.7 | 2.95 |
| HKK 60-3 | | | | | 35.2 | 37.4 | | | 129 | 21.6 | 4.43 | |
| HKK 60-4 | | | | | 47.2 | 48.2 | | | 172 | 28.5 | 5.92 | |
| HKK 60-5 | | | | | 58.5 | 59.7 | | | 216 | 33.7 | 7.41 | |
| HKK 60-6 | | | | | 70.1 | 70.8 | | | 259 | 39.7 | 8.90 | |
| HKK 60-8 | | | | | 92.5 | 94.1 | | | 345 | 53.5 | 13.36 | |
| HKK 80 | 25.40 | 15.88 | 15.88 | 7.93 | 16.4 | 19.1 | 23.4 | 3.2 | - | 78.5 | 18.4 | 2.52 |
| HKK 80-2 | | | | | 30.8 | 33.7 | | | 29.3 | 157 | 25.0 | 5.10 |
| HKK 80-3 | | | | | 45.5 | 48.6 | | | 236 | 36.8 | 7.68 | |
| HKK 80-4 | | | | | 60.2 | 63.3 | | | 314 | 48.5 | 10.25 | |
| HKK 80-5 | | | | | 74.9 | 77.9 | | | 393 | 57.3 | 12.84 | |
| HKK 80-6 | | | | | 89.6 | 92.5 | | | 471 | 67.6 | 15.42 | |
| HKK 80-8 | | | | | 118.8 | 121.8 | | | 628 | 91.1 | 20.58 | |
| HKK 100 | 31.75 | 19.05 | 19.05 | 9.53 | 19.7 | 23.3 | 29.3 | 4.0 | - | 118 | 28.3 | 3.91 |
| HKK 100-2 | | | | | 37.6 | 41.2 | | | 35.8 | 236 | 38.4 | 7.74 |
| HKK 100-3 | | | | | 55.5 | 59.1 | | | 354 | 56.5 | 11.58 | |
| HKK 100-4 | | | | | 73.7 | 77.1 | | | 472 | 74.6 | 15.40 | |
| HKK 100-5 | | | | | 91.5 | 95.1 | | | 590 | 88.1 | 19.26 | |
| HKK 100-6 | | | | | 109.4 | 113.0 | | | 708 | 104 | 23.10 | |
| HKK 100-8 | | | | | 145.2 | 148.9 | | | 944 | 140 | 30.81 | |

* Rollerless Chain : Roller Diameter 'B' is identical to the bushing diameter, as these chains have no rollers

ANSI Standard Roller Chains



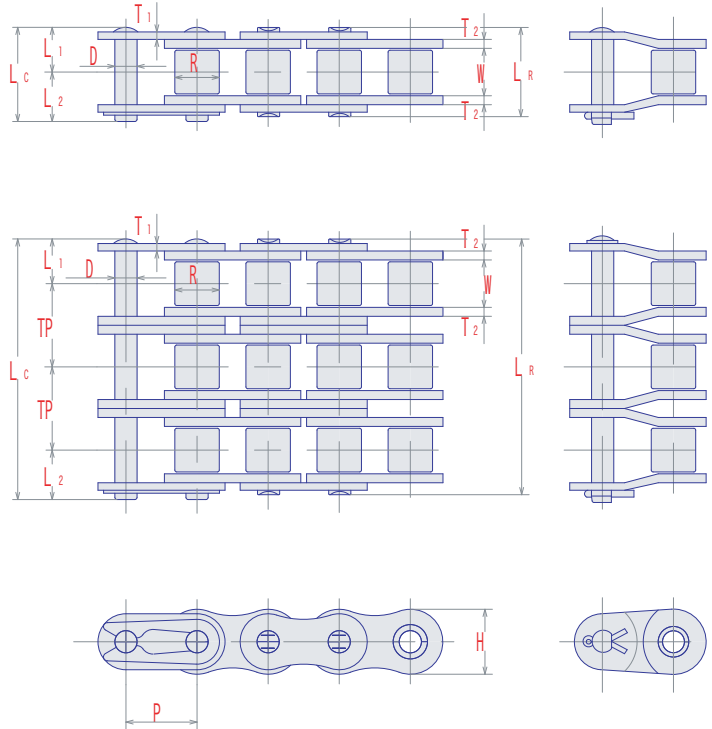
Standard Length Packaging

| Chain no | Pitch | Standard Box | 20' Box | 50' Reel | 100' Reel | 200' Reel | 250' Reel | 500 Reel |
|----------|--------|--------------|---------|----------|-----------|-----------|-----------|----------|
| 25 | 6.35 | 480 Links | - | - | - | - | - | X |
| 35 | 9.525 | 320 Links | X | X | - | - | X | - |
| 40 | 12.70 | 240 Links | X | X | X | X | - | - |
| 41 | 12.70 | 240 Links | - | - | - | - | X | - |
| 50 | 15.875 | 192 Links | X | X | X | - | - | - |
| 60 | 19.05 | 160 Links | X | X | X | - | - | - |
| 80 | 25.40 | 120 Links | - | X | - | - | - | - |
| 100 | 31.75 | 96 Links | - | X | - | - | - | - |
| 120 | 38.10 | 80 Links | - | - | - | - | - | - |
| 140 | 44.45 | 68 Links | - | - | - | - | - | - |
| 160 | 50.80 | 60 Links | - | - | - | - | - | - |
| 180 | 57.15 | 54 Links | - | - | - | - | - | - |
| 200 | 63.50 | 48 Links | - | - | - | - | - | - |
| 240 | 76.20 | 40 Links | - | - | - | - | - | - |

| HKK Chain No. (ANSI) | Dimensions - mm | | | | | | | | | Average Ultimate Strength | Maximum Allowable Load | Average Chain Weight |
|----------------------|-----------------|--------|-------|-------|--------|--------|--------|--------------|------|---------------------------|------------------------|----------------------|
| | Pitch | Roller | | Pin | | Plate | | Trans. Pitch | | | | |
| | | Width | Dia. | Dia. | Length | Height | Thick. | | | | | |
| P | W | R | D | L1 | L2 | H | T | TP | kN | kN | kg/m | |
| HKK 120 | 38.10 | 25.40 | 22.23 | 11.10 | 24.8 | 28.6 | 35.1 | 4.8 | - | 167 | 38.0 | 5.76 |
| HKK 120-2 | | | | | 47.5 | 51.3 | | | 45.4 | 334 | 51.7 | 11.49 |
| HKK 120-3 | | | | | 70.2 | 74.0 | | | | 501 | 76.0 | 17.20 |
| HKK 120-4 | | | | | 93.1 | 96.9 | | | | 668 | 100 | 22.92 |
| HKK 120-5 | | | | | 115.8 | 119.6 | | | | 835 | 119 | 28.65 |
| HKK 120-6 | | | | | 138.5 | 142.3 | | | | 1002 | 140 | 34.36 |
| HKK 120-8 | | | | | 183.8 | 187.9 | | | | 1336 | 188 | 45.81 |
| HKK 140 | 44.45 | 25.40 | 25.4 | 12.70 | 27.0 | 31.3 | 40.9 | 5.6 | - | 216 | 50.3 | 7.41 |
| HKK 140-2 | | | | | 51.5 | 55.7 | | | 48.9 | 432 | 68.3 | 14.63 |
| HKK 140-3 | | | | | 75.9 | 80.4 | | | | 648 | 101 | 21.91 |
| HKK 140-4 | | | | | 100.6 | 104.9 | | | | 864 | 133 | 29.17 |
| HKK 140-5 | | | | | 125.1 | 129.3 | | | | 1080 | 157 | 36.45 |
| HKK 140-6 | | | | | 149.5 | 153.8 | | | | 1296 | 185 | 43.72 |
| HKK 140-8 | | | | | 198.3 | 202.8 | | | | 1728 | 249 | 58.28 |
| HKK 160 | 50.80 | 31.75 | 28.58 | 14.28 | 32.2 | 36.5 | 46.7 | 6.4 | - | 275 | 66.3 | 9.79 |
| HKK 160-2 | | | | | 61.4 | 65.8 | | | 58.5 | 550 | 90.1 | 19.45 |
| HKK 160-3 | | | | | 90.7 | 95.0 | | | | 825 | 133 | 29.17 |
| HKK 160-4 | | | | | 120.2 | 124.5 | | | | 1100 | 175 | 38.77 |
| HKK 160-5 | | | | | 149.4 | 153.9 | | | | 1375 | 207 | 48.43 |
| HKK 160-6 | | | | | 178.7 | 183.0 | | | | 1650 | 244 | 58.08 |
| HKK 160-8 | | | | | 237.2 | 214.6 | | | | 2200 | 329 | 77.39 |
| HKK 180 | 57.15 | 35.70 | 35.70 | 17.45 | 36.3 | 42.1 | 52.5 | 7.2 | - | 353 | 70.6 | 13.39 |
| HKK 180-2 | | | | | 69.1 | 74.9 | | | 65.8 | 706 | 98.4 | 26.62 |
| HKK 180-3 | | | | | 102.3 | 107.9 | | | | 1059 | 145 | 39.85 |
| HKK 180-4 | | | | | 135.1 | 140.8 | | | | 1412 | 191 | 53.08 |
| HKK 180-5 | | | | | 173.6 | 173.7 | | | | 1765 | 226 | 66.31 |
| HKK 180-6 | | | | | 200.9 | 206.4 | | | | 2118 | 266 | 79.54 |
| HKK 200 | 63.50 | 38.10 | 39.67 | 19.83 | 39.3 | 47.7 | 59.8 | 8.0 | - | 451 | 82.3 | 16.93 |
| HKK 200-2 | | | | | 75.1 | 83.6 | | | 71.6 | 902 | 122 | 33.73 |
| HKK 200-3 | | | | | 110.9 | 119.3 | | | | 1353 | 179 | 50.53 |
| HKK 200-4 | | | | | 146.7 | 155.7 | | | | 1804 | 236 | 67.34 |
| HKK 200-5 | | | | | 182.8 | 191.2 | | | | 2255 | 279 | 84.14 |
| HKK 200-6 | | | | | 218.6 | 227.0 | | | | 2706 | 329 | 100.94 |
| HKK 240 | 76.20 | 47.63 | 47.63 | 23.78 | 48.2 | 55.9 | 70.3 | 9.5 | - | 677 | 112.8 | 23.64 |
| HKK 240-2 | | | | | 92.1 | 99.7 | | | 87.8 | 1354 | 167 | 47.13 |
| HKK 240-3 | | | | | 136.0 | 143.6 | | | | 2031 | 245 | 70.61 |
| HKK 240-4 | | | | | 179.9 | 187.5 | | | | 2708 | 324 | 94.09 |

British Standard Roller Chains

HKK British Standard chain is manufactured to the same high quality specifications as our ANSI chain. Solid bushings and solid rollers dramatically increase chain life. Manufactured in accordance with ISO R606, HKK British standard chains are compatible with British standard B.S. 228 and German standard DIN 8187. Attachment chains and stainless steel chains are available.



| HKK British Chain No. | Dimensions - mm | | | | | | | | | | Average Ultimate Strength kN | Maximum Allowable Load kN | Average Chain Weight kg/m |
|--------------------------------|-----------------|------------|-----------|-----------|--------------|--------------|-------------|--------------|-----------------------|--------------|---------------------------------------|------------------------------------|------------------------------------|
| | Pitch P | Roller | | Pin | | | Plate | | Trans. Pitch TP | | | | |
| | | Width W | Dia. R | Dia. D | Length L1 | Length L2 | Height H | Thick. T1 | | Thick. T2 | | | |
| | P | W | R | D | L1 | L2 | H | T1 | T2 | TP | | | |
| HKK 06B | 9.525 | 5.72 | 6.35 | 3.28 | 6.3 | 7.1 | 8.2 | 1.0 | 1.25 | 10.24 | 8.92 | 1.7 | 0.41 |
| HKK 06B-2 | | | | | | | | | | | 16.9 | 2.9 | 0.78 |
| HKK 06B-3 | | | | | | | | | | | 24.9 | 4.2 | 1.18 |
| HKK 08B | 12.70 | 7.75 | 8.51 | 4.45 | 8.4 | 9.6 | 11.8 | 1.5 | 1.5 | 13.92 | 17.8 | 3.14 | 0.61 |
| HKK 08B-2 | | | | | | | | | | | 31.1 | 5.35 | 1.26 |
| HKK 08B-3 | | | | | | | | | | | 44.5 | 7.85 | 1.88 |
| HKK 10B | 15.875 | 9.65 | 10.16 | 5.08 | 9.5 | 11.2 | 14.7 | 1.65 | 1.65 | 16.59 | 22.2 | 4.90 | 0.89 |
| HKK 10B-2 | | | | | | | | | | | 44.5 | 8.33 | 1.79 |
| HKK 10B-3 | | | | | | | | | | | 66.7 | 12.2 | 2.66 |
| HKK 12B | 19.05 | 11.68 | 12.07 | 5.72 | 11.0 | 12.6 | 16.1 | 1.8 | 1.8 | 19.46 | 28.9 | 7.06 | 1.14 |
| HKK 12B-2 | | | | | | | | | | | 57.8 | 12.0 | 2.28 |
| HKK 12B-3 | | | | | | | | | | | 86.7 | 17.6 | 3.36 |
| HKK 16B | 25.40 | 17.02 | 15.88 | 8.26 | 17.6 | 20.6 | 21.0 | 3.2 | 4.0 | 31.88 | 60 | 12.6 | 2.59 |
| HKK 16B-2 | | | | | | | | | | | 106 | 21.4 | 5.13 |
| HKK 16B-3 | | | | | | | | | | | 160 | 31.5 | 7.68 |
| HKK 20B | 31.75 | 19.56 | 19.05 | 10.16 | 20.1 | 23.9 | 26.4 | 3.5 | 4.5 | 36.45 | 95 | 19.6 | 3.76 |
| HKK 20B-2 | | | | | | | | | | | 170 | 33.3 | 7.26 |
| HKK 20B-3 | | | | | | | | | | | 250 | 49.0 | 10.86 |
| HKK 24B | 38.10 | 25.40 | 25.40 | 14.63 | 26.7 | 31.4 | 33.4 | 4.9 | 5.9 | 48.36 | 160 | 27.5 | 7.29 |
| HKK 24B-2 | | | | | | | | | | | 280 | 46.8 | 14.53 |
| HKK 24B-3 | | | | | | | | | | | 425 | 68.8 | 21.76 |
| HKK 28B | 44.45 | 31.00 | 27.94 | 15.88 | 32.6 | 37.9 | 37.0 | 6.3 | 7.4 | 59.56 | 200 | 34.3 | 9.26 |
| HKK 28B-2 | | | | | | | | | | | 360 | 58.3 | 18.45 |
| HKK 28B-3 | | | | | | | | | | | 530 | 85.8 | 27.65 |
| HKK 32B | 50.80 | 31.00 | 29.21 | 17.81 | 32.5 | 38.6 | 42.2 | 6.3 | 6.9 | 58.55 | 250 | 39.2 | 9.92 |
| HKK 32B-2 | | | | | | | | | | | 450 | 66.6 | 19.76 |
| HKK 32B-3 | | | | | | | | | | | 670 | 98.0 | 29.61 |