

Needle roller bearings, drawn cup, open ends, unsealed

Product information



Tolerances , see also text

Shaft and housing tolerances , see also text

Shafts and housings, see text

| Principal dimensions | | | Basic load ratings | | Fatigue load limit | Speed ratings | Mass | Designation |
|----------------------|----|----|--------------------|----------------|--------------------|-----------------|----------------|-------------|
| F _w | D | C | dynamic | static | P _u | Reference speed | Limiting speed | |
| mm | | | kN | C ₀ | kN | r/min | kg | - |
| 18 | 24 | 16 | 11,2 | 17,6 | 2,04 | 13000 | 15000 | HK 1816 |
| 20 | 26 | 10 | 6,16 | 8,5 | 0,93 | 12000 | 14000 | HK 2010 |
| 20 | 26 | 12 | 8,42 | 12,5 | 1,4 | 12000 | 14000 | HK 2012 |
| 20 | 26 | 16 | 12,3 | 20,4 | 2,36 | 12000 | 14000 | HK 2016 |
| 20 | 26 | 20 | 15,1 | 26,5 | 3,15 | 12000 | 14000 | HK 2020 |
| 22 | 28 | 10 | 7,21 | 10,6 | 1,2 | 11000 | 12000 | HK 2210 |
| 22 | 28 | 12 | 8,8 | 13,7 | 1,56 | 11000 | 12000 | HK 2212 |
| 22 | 28 | 16 | 13 | 22,4 | 2,6 | 11000 | 12000 | HK 2216 |
| 22 | 28 | 20 | 15,7 | 29 | 3,45 | 11000 | 12000 | HK 2220 |
| 25 | 32 | 12 | 10,5 | 15,3 | 1,76 | 9500 | 11000 | HK 2512 |
| 25 | 32 | 16 | 15,1 | 24 | 2,85 | 9500 | 11000 | HK 2516 |
| 25 | 32 | 20 | 19 | 32,5 | 4 | 9500 | 11000 | HK 2520 |
| 25 | 32 | 26 | 24,2 | 45 | 5,5 | 9500 | 11000 | HK 2526 |
| 28 | 35 | 16 | 15,7 | 26,5 | 3,15 | 9000 | 9500 | HK 2816 |
| 28 | 35 | 20 | 20,1 | 36,5 | 4,4 | 9000 | 9500 | HK 2820 |
| 30 | 37 | 12 | 11,7 | 18,3 | 2,12 | 8000 | 9000 | HK 3012 |
| 30 | 37 | 16 | 16,5 | 29 | 3,4 | 8000 | 9000 | HK 3016 |
| 30 | 37 | 20 | 20,9 | 40 | 4,75 | 8000 | 9000 | HK 3020 |
| 30 | 37 | 22 | 23,8 | 46,5 | 5,6 | 9000 | 8000 | HK 3022 |
| 30 | 37 | 26 | 27 | 54 | 6,55 | 8000 | 9000 | HK 3026 |
| 32 | 39 | 20 | 22 | 43 | 5,2 | 8500 | 7500 | HK 3220 |
| 32 | 39 | 24 | 26,4 | 54 | 6,55 | 8500 | 7500 | HK 3224 |
| 35 | 42 | 12 | 12,5 | 21,6 | 2,45 | 7000 | 8000 | HK 3512 |
| 35 | 42 | 16 | 17,9 | 34 | 4 | 7000 | 8000 | HK 3516 |
| 35 | 42 | 20 | 22,9 | 46,5 | 5,6 | 7000 | 8000 | HK 3520 |