

| Boundary Dimensions (mm) | | | | | Basic Load Ratings (N) | | Limiting Speeds (min ⁻¹) | | Bearing Numbers | NSKHPS |
|-----------------------------|----------|-----------|------------------|-------------------|---------------------------|-----------------------|---|-------|--------------------|--------|
| <i>d</i> | <i>D</i> | <i>2B</i> | <i>r</i> min. | <i>r1</i> min. | <i>C_r</i> | <i>C_{0r}</i> | Grease | Oil | | |
| 10 | 22 | 12 | 0.3 | 0.15 | 4700 | 2900 | 32000 | 43000 | 7900A5DB | |
| 10 | 22 | 12 | 0.3 | 0.15 | 4900 | 3050 | 38000 | 53000 | 7900CDB | |
| 10 | 22 | 12 | 0.3 | 0.15 | 4700 | 2900 | 32000 | 43000 | 7900A5DF | |
| 10 | 22 | 12 | 0.3 | 0.15 | 4900 | 3050 | 38000 | 53000 | 7900CDF | |
| 10 | 22 | 12 | 0.3 | 0.15 | 4700 | 2900 | 32000 | 43000 | 7900A5DT | |
| 10 | 22 | 12 | 0.3 | 0.15 | 4900 | 3050 | 38000 | 53000 | 7900CDT | |
| 10 | 26 | 16 | 0.3 | 0.15 | 8750 | 5200 | 24000 | 34000 | 7000ADB | |
| 10 | 26 | 16 | 0.3 | 0.15 | 8650 | 5000 | 36000 | 50000 | 7000CDB | |
| 10 | 26 | 16 | 0.3 | 0.15 | 8750 | 5200 | 24000 | 34000 | 7000ADF | |
| 10 | 26 | 16 | 0.3 | 0.15 | 8650 | 5000 | 36000 | 50000 | 7000CDF | |
| 10 | 26 | 16 | 0.3 | 0.15 | 8750 | 5200 | 24000 | 34000 | 7000ADT | |
| 10 | 26 | 16 | 0.3 | 0.15 | 8650 | 5000 | 36000 | 50000 | 7000CDT | |
| 10 | 30 | 18 | 0.6 | 0.3 | 8800 | 5400 | 22000 | 30000 | 7200ADB | |
| 10 | 30 | 18 | 0.6 | 0.3 | 8100 | 5000 | 16000 | 22000 | 7200BDB | |
| 10 | 30 | 18 | 0.6 | 0.3 | 8800 | 5200 | 32000 | 45000 | 7200CDB | |
| 10 | 30 | 18 | 0.6 | 0.3 | 8800 | 5400 | 22000 | 30000 | 7200ADF | |
| 10 | 30 | 18 | 0.6 | 0.3 | 8100 | 5000 | 16000 | 22000 | 7200BDF | |
| 10 | 30 | 18 | 0.6 | 0.3 | 8800 | 5200 | 32000 | 45000 | 7200CDF | |
| 10 | 30 | 18 | 0.6 | 0.3 | 8800 | 5400 | 22000 | 30000 | 7200ADT | |
| 10 | 30 | 18 | 0.6 | 0.3 | 8100 | 5000 | 16000 | 22000 | 7200BDT | |
| 10 | 30 | 18 | 0.6 | 0.3 | 8800 | 5200 | 32000 | 45000 | 7200CDT | |
| 10 | 35 | 22 | 0.6 | 0.3 | 15100 | 8600 | 16000 | 22000 | 7300ADB | |
| 10 | 35 | 22 | 0.6 | 0.3 | 14200 | 8100 | 14000 | 20000 | 7300BDB | |
| 10 | 35 | 22 | 0.6 | 0.3 | 15100 | 8600 | 16000 | 22000 | 7300ADF | |
| 10 | 35 | 22 | 0.6 | 0.3 | 14200 | 8100 | 14000 | 20000 | 7300BDF | |
| 10 | 35 | 22 | 0.6 | 0.3 | 15100 | 8600 | 16000 | 22000 | 7300ADT | |
| 10 | 35 | 22 | 0.6 | 0.3 | 14200 | 8100 | 14000 | 20000 | 7300BDT | |
| 12 | 24 | 12 | 0.3 | 0.15 | 5200 | 3550 | 30000 | 43000 | 7901A5DB | |
| 12 | 24 | 12 | 0.3 | 0.15 | 5450 | 3700 | 36000 | 50000 | 7901CDB | |
| 12 | 24 | 12 | 0.3 | 0.15 | 5200 | 3550 | 30000 | 43000 | 7901A5DF | |
| 12 | 24 | 12 | 0.3 | 0.15 | 5450 | 3700 | 36000 | 50000 | 7901CDF | |
| 12 | 24 | 12 | 0.3 | 0.15 | 5200 | 3550 | 30000 | 43000 | 7901A5DT | |
| 12 | 24 | 12 | 0.3 | 0.15 | 5450 | 3700 | 36000 | 50000 | 7901CDT | |
| 12 | 28 | 16 | 0.3 | 0.15 | 9400 | 5950 | 22000 | 30000 | 7001ADB | |
| 12 | 28 | 16 | 0.3 | 0.15 | 9400 | 5800 | 32000 | 45000 | 7001CDB | |
| 12 | 28 | 16 | 0.3 | 0.15 | 9400 | 5950 | 22000 | 30000 | 7001ADF | |
| 12 | 28 | 16 | 0.3 | 0.15 | 9400 | 5800 | 32000 | 45000 | 7001CDF | |
| 12 | 28 | 16 | 0.3 | 0.15 | 9400 | 5950 | 22000 | 30000 | 7001ADT | |
| 12 | 28 | 16 | 0.3 | 0.15 | 9400 | 5800 | 32000 | 45000 | 7001CDT | |
| 12 | 32 | 20 | 0.6 | 0.3 | 13000 | 8050 | 20000 | 28000 | 7201ADB | |
| 12 | 32 | 20 | 0.6 | 0.3 | 12100 | 7500 | 15000 | 20000 | 7201BDB | |
| 12 | 32 | 20 | 0.6 | 0.3 | 12800 | 7700 | 30000 | 40000 | 7201CDB | |
| 12 | 32 | 20 | 0.6 | 0.3 | 13000 | 8050 | 20000 | 28000 | 7201ADF | |
| 12 | 32 | 20 | 0.6 | 0.3 | 12100 | 7500 | 15000 | 20000 | 7201BDF | |
| 12 | 32 | 20 | 0.6 | 0.3 | 12800 | 7700 | 30000 | 40000 | 7201CDF | |

| Boundary Dimensions (mm) | | | | | Basic Load Ratings (N) | | Limiting Speeds (min ⁻¹) | | Bearing Numbers | NSKHPS |
|-----------------------------|----------|-----------|------------------|-------------------|---------------------------|-----------------------|---|-------|--------------------|--------|
| <i>d</i> | <i>D</i> | <i>2B</i> | <i>r</i> min. | <i>r1</i> min. | <i>C_r</i> | <i>C_{0r}</i> | Grease | Oil | | |
| 12 | 32 | 20 | 0.6 | 0.3 | 13000 | 8050 | 20000 | 28000 | 7201ADT | |
| 12 | 32 | 20 | 0.6 | 0.3 | 12100 | 7500 | 15000 | 20000 | 7201BDT | |
| 12 | 32 | 20 | 0.6 | 0.3 | 12800 | 7700 | 30000 | 40000 | 7201CDT | |
| 12 | 37 | 24 | 1 | 0.6 | 15400 | 9000 | 15000 | 20000 | 7301ADB | |
| 12 | 37 | 24 | 1 | 0.6 | 14400 | 8400 | 13000 | 18000 | 7301BDB | |
| 12 | 37 | 24 | 1 | 0.6 | 15400 | 9000 | 15000 | 20000 | 7301ADF | |
| 12 | 37 | 24 | 1 | 0.6 | 14400 | 8400 | 13000 | 18000 | 7301BDF | |
| 12 | 37 | 24 | 1 | 0.6 | 15400 | 9000 | 15000 | 20000 | 7301ADT | |
| 12 | 37 | 24 | 1 | 0.6 | 14400 | 8400 | 13000 | 18000 | 7301BDT | |
| 15 | 28 | 14 | 0.3 | 0.15 | 7400 | 5050 | 26000 | 34000 | 7902A5DB | |
| 15 | 28 | 14 | 0.3 | 0.15 | 7750 | 5300 | 30000 | 43000 | 7902CDB | |
| 15 | 28 | 14 | 0.3 | 0.15 | 7400 | 5050 | 26000 | 34000 | 7902A5DF | |
| 15 | 28 | 14 | 0.3 | 0.15 | 7750 | 5300 | 30000 | 43000 | 7902CDF | |
| 15 | 28 | 14 | 0.3 | 0.15 | 7400 | 5050 | 26000 | 34000 | 7902A5DT | |
| 15 | 28 | 14 | 0.3 | 0.15 | 7750 | 5300 | 30000 | 43000 | 7902CDT | |
| 15 | 32 | 18 | 0.3 | 0.15 | 9950 | 6850 | 19000 | 26000 | 7002ADB | |
| 15 | 32 | 18 | 0.3 | 0.15 | 10100 | 6750 | 28000 | 38000 | 7002CDB | |
| 15 | 32 | 18 | 0.3 | 0.15 | 9950 | 6850 | 19000 | 26000 | 7002ADF | |
| 15 | 32 | 18 | 0.3 | 0.15 | 10100 | 6750 | 28000 | 38000 | 7002CDF | |
| 15 | 32 | 18 | 0.3 | 0.15 | 9950 | 6850 | 19000 | 26000 | 7002ADT | |
| 15 | 32 | 18 | 0.3 | 0.15 | 10100 | 6750 | 28000 | 38000 | 7002CDT | |
| 15 | 35 | 22 | 0.6 | 0.3 | 14000 | 9300 | 18000 | 24000 | 7202ADB | |
| 15 | 35 | 22 | 0.6 | 0.3 | 12900 | 8600 | 13000 | 18000 | 7202BDB | |
| 15 | 35 | 22 | 0.6 | 0.3 | 14100 | 9050 | 26000 | 36000 | 7202CDB | |
| 15 | 35 | 22 | 0.6 | 0.3 | 14000 | 9300 | 18000 | 24000 | 7202ADF | |
| 15 | 35 | 22 | 0.6 | 0.3 | 12900 | 8600 | 13000 | 18000 | 7202BDF | |
| 15 | 35 | 22 | 0.6 | 0.3 | 14100 | 9050 | 26000 | 36000 | 7202CDF | |
| 15 | 35 | 22 | 0.6 | 0.3 | 14000 | 9300 | 18000 | 24000 | 7202ADT | |
| 15 | 35 | 22 | 0.6 | 0.3 | 12900 | 8600 | 13000 | 18000 | 7202BDT | |
| 15 | 35 | 22 | 0.6 | 0.3 | 14100 | 9050 | 26000 | 36000 | 7202CDT | |
| 15 | 42 | 26 | 1 | 0.6 | 21800 | 14200 | 13000 | 17000 | 7302ADB | |
| 15 | 42 | 26 | 1 | 0.6 | 20200 | 13200 | 11000 | 15000 | 7302BDB | |
| 15 | 42 | 26 | 1 | 0.6 | 21800 | 14200 | 13000 | 17000 | 7302ADF | |
| 15 | 42 | 26 | 1 | 0.6 | 20200 | 13200 | 11000 | 15000 | 7302BDF | |
| 15 | 42 | 26 | 1 | 0.6 | 21800 | 14200 | 13000 | 17000 | 7302ADT | |
| 15 | 42 | 26 | 1 | 0.6 | 20200 | 13200 | 11000 | 15000 | 7302BDT | |
| 17 | 30 | 14 | 0.3 | 0.15 | 7750 | 5600 | 24000 | 32000 | 7903A5DB | |
| 17 | 30 | 14 | 0.3 | 0.15 | 8150 | 5850 | 28000 | 38000 | 7903CDB | |
| 17 | 30 | 14 | 0.3 | 0.15 | 7750 | 5600 | 24000 | 32000 | 7903A5DF | |
| 17 | 30 | 14 | 0.3 | 0.15 | 8150 | 5850 | 28000 | 38000 | 7903CDF | |
| 17 | 30 | 14 | 0.3 | 0.15 | 7750 | 5600 | 24000 | 32000 | 7903A5DT | |
| 17 | 30 | 14 | 0.3 | 0.15 | 8150 | 5850 | 28000 | 38000 | 7903CDT | |
| 17 | 35 | 20 | 0.3 | 0.15 | 10400 | 7650 | 17000 | 24000 | 7003ADB | |
| 17 | 35 | 20 | 0.3 | 0.15 | 10700 | 7600 | 26000 | 34000 | 7003CDB | |
| 17 | 35 | 20 | 0.3 | 0.15 | 10400 | 7650 | 17000 | 24000 | 7003ADF | |

| Boundary Dimensions (mm) | | | | | Basic Load Ratings (N) | | Limiting Speeds (min ⁻¹) | | Bearing Numbers | NSKHPS |
|-----------------------------|----------|-----------|------------------|-------------------|---------------------------|-----------------------|---|-------|--------------------|--------|
| <i>d</i> | <i>D</i> | <i>2B</i> | <i>r</i> min. | <i>r1</i> min. | <i>C_r</i> | <i>C_{0r}</i> | Grease | Oil | | |
| 17 | 35 | 20 | 0.3 | 0.15 | 10700 | 7600 | 26000 | 34000 | 7003CDF | |
| 17 | 35 | 20 | 0.3 | 0.15 | 10400 | 7650 | 17000 | 24000 | 7003ADT | |
| 17 | 35 | 20 | 0.3 | 0.15 | 10700 | 7600 | 26000 | 34000 | 7003CDT | |
| 17 | 40 | 24 | 0.6 | 0.3 | 17600 | 12000 | 16000 | 22000 | 7203ADB | |
| 17 | 40 | 24 | 0.6 | 0.3 | 16100 | 11000 | 11000 | 15000 | 7203BDB | |
| 17 | 40 | 24 | 0.6 | 0.3 | 17600 | 11700 | 22000 | 32000 | 7203CDB | |
| 17 | 40 | 24 | 0.6 | 0.3 | 17600 | 12000 | 16000 | 22000 | 7203ADF | |
| 17 | 40 | 24 | 0.6 | 0.3 | 16100 | 11000 | 11000 | 15000 | 7203BDF | |
| 17 | 40 | 24 | 0.6 | 0.3 | 17600 | 11700 | 22000 | 32000 | 7203CDF | |
| 17 | 40 | 24 | 0.6 | 0.3 | 17600 | 12000 | 16000 | 22000 | 7203ADT | |
| 17 | 40 | 24 | 0.6 | 0.3 | 16100 | 11000 | 11000 | 15000 | 7203BDT | |
| 17 | 40 | 24 | 0.6 | 0.3 | 17600 | 11700 | 22000 | 32000 | 7203CDT | |
| 17 | 47 | 28 | 1 | 0.6 | 25900 | 17300 | 11000 | 15000 | 7303ADB | |
| 17 | 47 | 28 | 1 | 0.6 | 24000 | 16000 | 10000 | 14000 | 7303BDB | |
| 17 | 47 | 28 | 1 | 0.6 | 25900 | 17300 | 11000 | 15000 | 7303ADF | |
| 17 | 47 | 28 | 1 | 0.6 | 24000 | 16000 | 10000 | 14000 | 7303BDF | |
| 17 | 47 | 28 | 1 | 0.6 | 25900 | 17300 | 11000 | 15000 | 7303ADT | |
| 17 | 47 | 28 | 1 | 0.6 | 24000 | 16000 | 10000 | 14000 | 7303BDT | |
| 20 | 37 | 18 | 0.3 | 0.15 | 10700 | 8100 | 19000 | 26000 | 7904A5DB | |
| 20 | 37 | 18 | 0.3 | 0.15 | 11300 | 8500 | 22000 | 32000 | 7904CDB | |
| 20 | 37 | 18 | 0.3 | 0.15 | 10700 | 8100 | 19000 | 26000 | 7904A5DF | |
| 20 | 37 | 18 | 0.3 | 0.15 | 11300 | 8500 | 22000 | 32000 | 7904CDF | |
| 20 | 37 | 18 | 0.3 | 0.15 | 10700 | 8100 | 19000 | 26000 | 7904A5DT | |
| 20 | 37 | 18 | 0.3 | 0.15 | 11300 | 8500 | 22000 | 32000 | 7904CDT | |
| 20 | 42 | 24 | 0.6 | 0.3 | 17600 | 13200 | 15000 | 20000 | 7004ADB | |
| 20 | 42 | 24 | 0.6 | 0.3 | 18000 | 13100 | 20000 | 30000 | 7004CDB | |
| 20 | 42 | 24 | 0.6 | 0.3 | 17600 | 13200 | 15000 | 20000 | 7004ADF | |
| 20 | 42 | 24 | 0.6 | 0.3 | 18000 | 13100 | 20000 | 30000 | 7004CDF | |
| 20 | 42 | 24 | 0.6 | 0.3 | 17600 | 13200 | 15000 | 20000 | 7004ADT | |
| 20 | 42 | 24 | 0.6 | 0.3 | 18000 | 13100 | 20000 | 30000 | 7004CDT | |
| 20 | 47 | 28 | 1 | 0.6 | 23500 | 16600 | 13000 | 19000 | 7204ADB | |
| 20 | 47 | 28 | 1 | 0.6 | 21600 | 15300 | 9500 | 13000 | 7204BDB | |
| 20 | 47 | 28 | 1 | 0.6 | 23600 | 16100 | 19000 | 26000 | 7204CDB | |
| 20 | 47 | 28 | 1 | 0.6 | 23500 | 16600 | 13000 | 19000 | 7204ADF | |
| 20 | 47 | 28 | 1 | 0.6 | 21600 | 15300 | 9500 | 13000 | 7204BDF | |
| 20 | 47 | 28 | 1 | 0.6 | 23600 | 16100 | 19000 | 26000 | 7204CDF | |
| 20 | 47 | 28 | 1 | 0.6 | 23500 | 16600 | 13000 | 19000 | 7204ADT | |
| 20 | 47 | 28 | 1 | 0.6 | 21600 | 15300 | 9500 | 13000 | 7204BDT | |
| 20 | 47 | 28 | 1 | 0.6 | 23600 | 16100 | 19000 | 26000 | 7204CDT | |
| 20 | 52 | 30 | 1.1 | 0.6 | 30500 | 20800 | 10000 | 13000 | 7304ADB | |
| 20 | 52 | 30 | 1.1 | 0.6 | 28200 | 19300 | 9000 | 12000 | 7304BDB | |
| 20 | 52 | 30 | 1.1 | 0.6 | 30500 | 20800 | 10000 | 13000 | 7304ADF | |
| 20 | 52 | 30 | 1.1 | 0.6 | 28200 | 19300 | 9000 | 12000 | 7304BDF | |
| 20 | 52 | 30 | 1.1 | 0.6 | 30500 | 20800 | 10000 | 13000 | 7304ADT | |
| 20 | 52 | 30 | 1.1 | 0.6 | 28200 | 19300 | 9000 | 12000 | 7304BDT | |

| Boundary Dimensions (mm) | | | | | Basic Load Ratings (N) | | Limiting Speeds (min ⁻¹) | | Bearing Numbers | NSKHPS |
|-----------------------------|----------|-----------|------------------|-------------------|---------------------------|-----------------------|---|-------|--------------------|--------|
| <i>d</i> | <i>D</i> | <i>2B</i> | <i>r</i> min. | <i>r1</i> min. | <i>C_r</i> | <i>C_{0r}</i> | Grease | Oil | | |
| 25 | 42 | 18 | 0.3 | 0.15 | 12100 | 10300 | 16000 | 22000 | 7905A5DB | |
| 25 | 42 | 18 | 0.3 | 0.15 | 12700 | 10800 | 19000 | 26000 | 7905CDB | |
| 25 | 42 | 18 | 0.3 | 0.15 | 12100 | 10300 | 16000 | 22000 | 7905A5DF | |
| 25 | 42 | 18 | 0.3 | 0.15 | 12700 | 10800 | 19000 | 26000 | 7905CDF | |
| 25 | 42 | 18 | 0.3 | 0.15 | 12100 | 10300 | 16000 | 22000 | 7905A5DT | |
| 25 | 42 | 18 | 0.3 | 0.15 | 12700 | 10800 | 19000 | 26000 | 7905CDT | |
| 25 | 47 | 24 | 0.6 | 0.3 | 18300 | 14800 | 13000 | 17000 | 7005ADB | |
| 25 | 47 | 24 | 0.6 | 0.3 | 19000 | 14800 | 18000 | 26000 | 7005CDB | |
| 25 | 47 | 24 | 0.6 | 0.3 | 18300 | 14800 | 13000 | 17000 | 7005ADF | |
| 25 | 47 | 24 | 0.6 | 0.3 | 19000 | 14800 | 18000 | 26000 | 7005CDF | |
| 25 | 47 | 24 | 0.6 | 0.3 | 18300 | 14800 | 13000 | 17000 | 7005ADT | |
| 25 | 47 | 24 | 0.6 | 0.3 | 19000 | 14800 | 18000 | 26000 | 7005CDT | |
| 25 | 52 | 30 | 1 | 0.6 | 26300 | 20500 | 12000 | 16000 | 7205ADB | |
| 25 | 52 | 30 | 1 | 0.6 | 24000 | 18800 | 8500 | 11000 | 7205BDB | |
| 25 | 52 | 30 | 1 | 0.6 | 27000 | 20400 | 17000 | 24000 | 7205CDB | |
| 25 | 52 | 30 | 1 | 0.6 | 26300 | 20500 | 12000 | 16000 | 7205ADF | |
| 25 | 52 | 30 | 1 | 0.6 | 24000 | 18800 | 8500 | 11000 | 7205BDF | |
| 25 | 52 | 30 | 1 | 0.6 | 27000 | 20400 | 17000 | 24000 | 7205CDF | |
| 25 | 52 | 30 | 1 | 0.6 | 26300 | 20500 | 12000 | 16000 | 7205ADT | |
| 25 | 52 | 30 | 1 | 0.6 | 24000 | 18800 | 8500 | 11000 | 7205BDT | |
| 25 | 52 | 30 | 1 | 0.6 | 27000 | 20400 | 17000 | 24000 | 7205CDT | |
| 25 | 62 | 34 | 1.1 | 0.6 | 43000 | 31500 | 8500 | 11000 | 7305ADB | |
| 25 | 62 | 34 | 1.1 | 0.6 | 39500 | 29300 | 7500 | 10000 | 7305BDB | |
| 25 | 62 | 34 | 1.1 | 0.6 | 43000 | 31500 | 8500 | 11000 | 7305ADF | |
| 25 | 62 | 34 | 1.1 | 0.6 | 39500 | 29300 | 7500 | 10000 | 7305BDF | |
| 25 | 62 | 34 | 1.1 | 0.6 | 43000 | 31500 | 8500 | 11000 | 7305ADT | |
| 25 | 62 | 34 | 1.1 | 0.6 | 39500 | 29300 | 7500 | 10000 | 7305BDT | |
| 30 | 47 | 18 | 0.3 | 0.15 | 12800 | 11900 | 14000 | 19000 | 7906A5DB | |
| 30 | 47 | 18 | 0.3 | 0.15 | 13500 | 12500 | 17000 | 24000 | 7906CDB | |
| 30 | 47 | 18 | 0.3 | 0.15 | 12800 | 11900 | 14000 | 19000 | 7906A5DF | |
| 30 | 47 | 18 | 0.3 | 0.15 | 13500 | 12500 | 17000 | 24000 | 7906CDF | |
| 30 | 47 | 18 | 0.3 | 0.15 | 12800 | 11900 | 14000 | 19000 | 7906A5DT | |
| 30 | 47 | 18 | 0.3 | 0.15 | 13500 | 12500 | 17000 | 24000 | 7906CDT | |
| 30 | 55 | 26 | 1 | 0.6 | 23600 | 20200 | 11000 | 15000 | 7006ADB | |
| 30 | 55 | 26 | 1 | 0.6 | 24600 | 20500 | 15000 | 22000 | 7006CDB | |
| 30 | 55 | 26 | 1 | 0.6 | 23600 | 20200 | 11000 | 15000 | 7006ADF | |
| 30 | 55 | 26 | 1 | 0.6 | 24600 | 20500 | 15000 | 22000 | 7006CDF | |
| 30 | 55 | 26 | 1 | 0.6 | 23600 | 20200 | 11000 | 15000 | 7006ADT | |
| 30 | 55 | 26 | 1 | 0.6 | 24600 | 20500 | 15000 | 22000 | 7006CDT | |
| 30 | 62 | 32 | 1 | 0.6 | 36500 | 29500 | 10000 | 13000 | 7206ADB | |
| 30 | 62 | 32 | 1 | 0.6 | 33500 | 27000 | 7100 | 9500 | 7206BDB | |
| 30 | 62 | 32 | 1 | 0.6 | 37500 | 29300 | 14000 | 20000 | 7206CDB | |
| 30 | 62 | 32 | 1 | 0.6 | 36500 | 29500 | 10000 | 13000 | 7206ADF | |
| 30 | 62 | 32 | 1 | 0.6 | 33500 | 27000 | 7100 | 9500 | 7206BDF | |
| 30 | 62 | 32 | 1 | 0.6 | 37500 | 29300 | 14000 | 20000 | 7206CDF | |

NSK Online Catalog
 Angular Contact Ball Bearings
 └ Single-Row, Matched Mountings

Rolling Bearings



| Boundary Dimensions (mm) | | | | | Basic Load Ratings (N) | | Limiting Speeds (min ⁻¹) | | Bearing Numbers | NSKHPS |
|--------------------------|----------|-----------|------------------|-------------------|------------------------|-----------------------|--------------------------------------|-------|-----------------|--------|
| <i>d</i> | <i>D</i> | <i>2B</i> | <i>r</i> min. | <i>r1</i> min. | <i>C_r</i> | <i>C_{0r}</i> | Grease | Oil | | |
| 30 | 62 | 32 | 1 | 0.6 | 36500 | 29500 | 10000 | 13000 | 7206ADT | |
| 30 | 62 | 32 | 1 | 0.6 | 33500 | 27000 | 7100 | 9500 | 7206BDT | |
| 30 | 62 | 32 | 1 | 0.6 | 37500 | 29300 | 14000 | 20000 | 7206CDT | |
| 30 | 72 | 38 | 1.1 | 0.6 | 54500 | 41500 | 7100 | 9500 | 7306ADB | |
| 30 | 72 | 38 | 1.1 | 0.6 | 50500 | 38500 | 6300 | 8500 | 7306BDB | |
| 30 | 72 | 38 | 1.1 | 0.6 | 54500 | 41500 | 7100 | 9500 | 7306ADF | |
| 30 | 72 | 38 | 1.1 | 0.6 | 50500 | 38500 | 6300 | 8500 | 7306BDF | |
| 30 | 72 | 38 | 1.1 | 0.6 | 54500 | 41500 | 7100 | 9500 | 7306ADT | |
| 30 | 72 | 38 | 1.1 | 0.6 | 50500 | 38500 | 6300 | 8500 | 7306BDT | |
| 35 | 55 | 20 | 0.6 | 0.3 | 18600 | 17400 | 12000 | 17000 | 7907A5DB | |
| 35 | 55 | 20 | 0.6 | 0.3 | 19600 | 18300 | 14000 | 20000 | 7907CDB | |
| 35 | 55 | 20 | 0.6 | 0.3 | 18600 | 17400 | 12000 | 17000 | 7907A5DF | |
| 35 | 55 | 20 | 0.6 | 0.3 | 19600 | 18300 | 14000 | 20000 | 7907CDF | |
| 35 | 55 | 20 | 0.6 | 0.3 | 18600 | 17400 | 12000 | 17000 | 7907A5DT | |
| 35 | 55 | 20 | 0.6 | 0.3 | 19600 | 18300 | 14000 | 20000 | 7907CDT | |
| 35 | 62 | 28 | 1 | 0.6 | 29700 | 26800 | 9500 | 13000 | 7007ADB | |
| 35 | 62 | 28 | 1 | 0.6 | 31000 | 27300 | 13000 | 19000 | 7007CDB | |
| 35 | 62 | 28 | 1 | 0.6 | 29700 | 26800 | 9500 | 13000 | 7007ADF | |
| 35 | 62 | 28 | 1 | 0.6 | 31000 | 27300 | 13000 | 19000 | 7007CDF | |
| 35 | 62 | 28 | 1 | 0.6 | 29700 | 26800 | 9500 | 13000 | 7007ADT | |
| 35 | 62 | 28 | 1 | 0.6 | 31000 | 27300 | 13000 | 19000 | 7007CDT | |
| 35 | 72 | 34 | 1.1 | 0.6 | 48500 | 40000 | 8500 | 12000 | 7207ADB | |
| 35 | 72 | 34 | 1.1 | 0.6 | 44000 | 36500 | 6000 | 8000 | 7207BDB | |
| 35 | 72 | 34 | 1.1 | 0.6 | 49500 | 40000 | 12000 | 17000 | 7207CDB | |
| 35 | 72 | 34 | 1.1 | 0.6 | 48500 | 40000 | 8500 | 12000 | 7207ADF | |
| 35 | 72 | 34 | 1.1 | 0.6 | 44000 | 36500 | 6000 | 8000 | 7207BDF | |
| 35 | 72 | 34 | 1.1 | 0.6 | 49500 | 40000 | 12000 | 17000 | 7207CDF | |
| 35 | 72 | 34 | 1.1 | 0.6 | 48500 | 40000 | 8500 | 12000 | 7207ADT | |
| 35 | 72 | 34 | 1.1 | 0.6 | 44000 | 36500 | 6000 | 8000 | 7207BDT | |
| 35 | 72 | 34 | 1.1 | 0.6 | 49500 | 40000 | 12000 | 17000 | 7207CDT | |
| 35 | 80 | 42 | 1.5 | 1 | 65000 | 52500 | 6300 | 8500 | 7307ADB | |
| 35 | 80 | 42 | 1.5 | 1 | 59500 | 48500 | 5600 | 7500 | 7307BDB | |
| 35 | 80 | 42 | 1.5 | 1 | 65000 | 52500 | 6300 | 8500 | 7307ADF | |
| 35 | 80 | 42 | 1.5 | 1 | 59500 | 48500 | 5600 | 7500 | 7307BDF | |
| 35 | 80 | 42 | 1.5 | 1 | 65000 | 52500 | 6300 | 8500 | 7307ADT | |
| 35 | 80 | 42 | 1.5 | 1 | 59500 | 48500 | 5600 | 7500 | 7307BDT | |
| 40 | 62 | 24 | 0.6 | 0.3 | 23300 | 22300 | 11000 | 15000 | 7908A5DB | |
| 40 | 62 | 24 | 0.6 | 0.3 | 24600 | 23500 | 13000 | 18000 | 7908CDB | |
| 40 | 62 | 24 | 0.6 | 0.3 | 23300 | 22300 | 11000 | 15000 | 7908A5DF | |
| 40 | 62 | 24 | 0.6 | 0.3 | 24600 | 23500 | 13000 | 18000 | 7908CDF | |
| 40 | 62 | 24 | 0.6 | 0.3 | 23300 | 22300 | 11000 | 15000 | 7908A5DT | |
| 40 | 62 | 24 | 0.6 | 0.3 | 24600 | 23500 | 13000 | 18000 | 7908CDT | |
| 40 | 68 | 30 | 1 | 0.6 | 31500 | 31000 | 8500 | 11000 | 7008ADB | |
| 40 | 68 | 30 | 1 | 0.6 | 33500 | 32000 | 12000 | 17000 | 7008CDB | |
| 40 | 68 | 30 | 1 | 0.6 | 31500 | 31000 | 8500 | 11000 | 7008ADF | |

| Boundary Dimensions (mm) | | | | | Basic Load Ratings (N) | | Limiting Speeds (min ⁻¹) | | Bearing Numbers | NSKHPS |
|-----------------------------|----------|-----------|------------------|-------------------|---------------------------|-----------------------|---|-------|--------------------|--------|
| <i>d</i> | <i>D</i> | <i>2B</i> | <i>r</i> min. | <i>r1</i> min. | <i>C_r</i> | <i>C_{0r}</i> | Grease | Oil | | |
| 40 | 68 | 30 | 1 | 0.6 | 33500 | 32000 | 12000 | 17000 | 7008CDF | |
| 40 | 68 | 30 | 1 | 0.6 | 31500 | 31000 | 8500 | 11000 | 7008ADT | |
| 40 | 68 | 30 | 1 | 0.6 | 33500 | 32000 | 12000 | 17000 | 7008CDT | |
| 40 | 80 | 36 | 1.1 | 0.6 | 57500 | 50500 | 7500 | 10000 | 7208ADB | |
| 40 | 80 | 36 | 1.1 | 0.6 | 52000 | 46000 | 5300 | 7500 | 7208BDB | |
| 40 | 80 | 36 | 1.1 | 0.6 | 59000 | 50500 | 11000 | 15000 | 7208CDB | |
| 40 | 80 | 36 | 1.1 | 0.6 | 57500 | 50500 | 7500 | 10000 | 7208ADF | |
| 40 | 80 | 36 | 1.1 | 0.6 | 52000 | 46000 | 5300 | 7500 | 7208BDF | |
| 40 | 80 | 36 | 1.1 | 0.6 | 59000 | 50500 | 11000 | 15000 | 7208CDF | |
| 40 | 80 | 36 | 1.1 | 0.6 | 57500 | 50500 | 7500 | 10000 | 7208ADT | |
| 40 | 80 | 36 | 1.1 | 0.6 | 52000 | 46000 | 5300 | 7500 | 7208BDT | |
| 40 | 80 | 36 | 1.1 | 0.6 | 59000 | 50500 | 11000 | 15000 | 7208CDT | |
| 40 | 90 | 46 | 1.5 | 1 | 79500 | 66000 | 5600 | 7500 | 7308ADB | |
| 40 | 90 | 46 | 1.5 | 1 | 73000 | 60500 | 5000 | 6700 | 7308BDB | |
| 40 | 90 | 46 | 1.5 | 1 | 79500 | 66000 | 5600 | 7500 | 7308ADF | |
| 40 | 90 | 46 | 1.5 | 1 | 73000 | 60500 | 5000 | 6700 | 7308BDF | |
| 40 | 90 | 46 | 1.5 | 1 | 79500 | 66000 | 5600 | 7500 | 7308ADT | |
| 40 | 90 | 46 | 1.5 | 1 | 73000 | 60500 | 5000 | 6700 | 7308BDT | |
| 45 | 68 | 24 | 0.6 | 0.3 | 24600 | 25400 | 9500 | 13000 | 7909A5DB | |
| 45 | 68 | 24 | 0.6 | 0.3 | 26000 | 26800 | 12000 | 16000 | 7909CDB | |
| 45 | 68 | 24 | 0.6 | 0.3 | 24600 | 25400 | 9500 | 13000 | 7909A5DF | |
| 45 | 68 | 24 | 0.6 | 0.3 | 26000 | 26800 | 12000 | 16000 | 7909CDF | |
| 45 | 68 | 24 | 0.6 | 0.3 | 24600 | 25400 | 9500 | 13000 | 7909A5DT | |
| 45 | 68 | 24 | 0.6 | 0.3 | 26000 | 26800 | 12000 | 16000 | 7909CDT | |
| 45 | 75 | 32 | 1 | 0.6 | 37500 | 37500 | 7500 | 10000 | 7009ADB | |
| 45 | 75 | 32 | 1 | 0.6 | 39500 | 38500 | 11000 | 15000 | 7009CDB | |
| 45 | 75 | 32 | 1 | 0.6 | 37500 | 37500 | 7500 | 10000 | 7009ADF | |
| 45 | 75 | 32 | 1 | 0.6 | 39500 | 38500 | 11000 | 15000 | 7009CDF | |
| 45 | 75 | 32 | 1 | 0.6 | 37500 | 37500 | 7500 | 10000 | 7009ADT | |
| 45 | 75 | 32 | 1 | 0.6 | 39500 | 38500 | 11000 | 15000 | 7009CDT | |
| 45 | 85 | 38 | 1.1 | 0.6 | 64500 | 57500 | 7100 | 9500 | 7209ADB | |
| 45 | 85 | 38 | 1.1 | 0.6 | 58500 | 52500 | 5000 | 6700 | 7209BDB | |
| 45 | 85 | 38 | 1.1 | 0.6 | 66500 | 57500 | 10000 | 14000 | 7209CDB | |
| 45 | 85 | 38 | 1.1 | 0.6 | 64500 | 57500 | 7100 | 9500 | 7209ADF | |
| 45 | 85 | 38 | 1.1 | 0.6 | 58500 | 52500 | 5000 | 6700 | 7209BDF | |
| 45 | 85 | 38 | 1.1 | 0.6 | 66500 | 57500 | 10000 | 14000 | 7209CDF | |
| 45 | 85 | 38 | 1.1 | 0.6 | 64500 | 57500 | 7100 | 9500 | 7209ADT | |
| 45 | 85 | 38 | 1.1 | 0.6 | 58500 | 52500 | 5000 | 6700 | 7209BDT | |
| 45 | 85 | 38 | 1.1 | 0.6 | 66500 | 57500 | 10000 | 14000 | 7209CDT | |
| 45 | 100 | 50 | 1.5 | 1 | 103000 | 87000 | 5000 | 6700 | 7309ADB | |
| 45 | 100 | 50 | 1.5 | 1 | 95000 | 80500 | 4500 | 6000 | 7309BDB | |
| 45 | 100 | 50 | 1.5 | 1 | 103000 | 87000 | 5000 | 6700 | 7309ADF | |
| 45 | 100 | 50 | 1.5 | 1 | 95000 | 80500 | 4500 | 6000 | 7309BDF | |
| 45 | 100 | 50 | 1.5 | 1 | 103000 | 87000 | 5000 | 6700 | 7309ADT | |
| 45 | 100 | 50 | 1.5 | 1 | 95000 | 80500 | 4500 | 6000 | 7309BDT | |

| Boundary Dimensions (mm) | | | | | Basic Load Ratings (N) | | Limiting Speeds (min ⁻¹) | | Bearing Numbers | NSKHPS |
|-----------------------------|----------|-----------|------------------|-------------------|---------------------------|-----------------------|---|-------|--------------------|--------|
| <i>d</i> | <i>D</i> | <i>2B</i> | <i>r</i> min. | <i>r1</i> min. | <i>C_r</i> | <i>C_{0r}</i> | Grease | Oil | | |
| 50 | 72 | 24 | 0.6 | 0.3 | 25900 | 28400 | 9000 | 12000 | 7910A5DB | |
| 50 | 72 | 24 | 0.6 | 0.3 | 27400 | 30000 | 11000 | 15000 | 7910CDB | |
| 50 | 72 | 24 | 0.6 | 0.3 | 25900 | 28400 | 9000 | 12000 | 7910A5DF | |
| 50 | 72 | 24 | 0.6 | 0.3 | 27400 | 30000 | 11000 | 15000 | 7910CDF | |
| 50 | 72 | 24 | 0.6 | 0.3 | 25900 | 28400 | 9000 | 12000 | 7910A5DT | |
| 50 | 72 | 24 | 0.6 | 0.3 | 27400 | 30000 | 11000 | 15000 | 7910CDT | |
| 50 | 80 | 32 | 1 | 0.6 | 40000 | 42000 | 7100 | 9500 | 7010ADB | |
| 50 | 80 | 32 | 1 | 0.6 | 42000 | 44000 | 10000 | 14000 | 7010CDB | |
| 50 | 80 | 32 | 1 | 0.6 | 40000 | 42000 | 7100 | 9500 | 7010ADF | |
| 50 | 80 | 32 | 1 | 0.6 | 42000 | 44000 | 10000 | 14000 | 7010CDF | |
| 50 | 80 | 32 | 1 | 0.6 | 40000 | 42000 | 7100 | 9500 | 7010ADT | |
| 50 | 80 | 32 | 1 | 0.6 | 42000 | 44000 | 10000 | 14000 | 7010CDT | |
| 50 | 90 | 40 | 1.1 | 0.6 | 67000 | 63000 | 6300 | 9000 | 7210ADB | |
| 50 | 90 | 40 | 1.1 | 0.6 | 60500 | 57000 | 4500 | 6300 | 7210BDB | |
| 50 | 90 | 40 | 1.1 | 0.6 | 69500 | 63500 | 9500 | 13000 | 7210CDB | |
| 50 | 90 | 40 | 1.1 | 0.6 | 67000 | 63000 | 6300 | 9000 | 7210ADF | |
| 50 | 90 | 40 | 1.1 | 0.6 | 60500 | 57000 | 4500 | 6300 | 7210BDF | |
| 50 | 90 | 40 | 1.1 | 0.6 | 69500 | 63500 | 9500 | 13000 | 7210CDF | |
| 50 | 90 | 40 | 1.1 | 0.6 | 67000 | 63000 | 6300 | 9000 | 7210ADT | |
| 50 | 90 | 40 | 1.1 | 0.6 | 60500 | 57000 | 4500 | 6300 | 7210BDT | |
| 50 | 90 | 40 | 1.1 | 0.6 | 69500 | 63500 | 9500 | 13000 | 7210CDT | |
| 50 | 110 | 54 | 2 | 1 | 121000 | 104000 | 4500 | 6000 | 7310ADB | |
| 50 | 110 | 54 | 2 | 1 | 111000 | 96000 | 4000 | 5600 | 7310BDB | |
| 50 | 110 | 54 | 2 | 1 | 121000 | 104000 | 4500 | 6000 | 7310ADF | |
| 50 | 110 | 54 | 2 | 1 | 111000 | 96000 | 4000 | 5600 | 7310BDF | |
| 50 | 110 | 54 | 2 | 1 | 121000 | 104000 | 4500 | 6000 | 7310ADT | |
| 50 | 110 | 54 | 2 | 1 | 111000 | 96000 | 4000 | 5600 | 7310BDT | |
| 55 | 80 | 26 | 1 | 0.6 | 29300 | 33500 | 8000 | 11000 | 7911A5DB | |
| 55 | 80 | 26 | 1 | 0.6 | 31000 | 35500 | 9500 | 13000 | 7911CDB | |
| 55 | 80 | 26 | 1 | 0.6 | 29300 | 33500 | 8000 | 11000 | 7911A5DF | |
| 55 | 80 | 26 | 1 | 0.6 | 31000 | 35500 | 9500 | 13000 | 7911CDF | |
| 55 | 80 | 26 | 1 | 0.6 | 29300 | 33500 | 8000 | 11000 | 7911A5DT | |
| 55 | 80 | 26 | 1 | 0.6 | 31000 | 35500 | 9500 | 13000 | 7911CDT | |
| 55 | 90 | 36 | 1.1 | 0.6 | 52500 | 55500 | 6300 | 8500 | 7011ADB | |
| 55 | 90 | 36 | 1.1 | 0.6 | 55500 | 57500 | 9000 | 12000 | 7011CDB | |
| 55 | 90 | 36 | 1.1 | 0.6 | 52500 | 55500 | 6300 | 8500 | 7011ADF | |
| 55 | 90 | 36 | 1.1 | 0.6 | 55500 | 57500 | 9000 | 12000 | 7011CDF | |
| 55 | 90 | 36 | 1.1 | 0.6 | 52500 | 55500 | 6300 | 8500 | 7011ADT | |
| 55 | 90 | 36 | 1.1 | 0.6 | 55500 | 57500 | 9000 | 12000 | 7011CDT | |
| 55 | 100 | 42 | 1.5 | 1 | 83000 | 79000 | 6000 | 8000 | 7211ADB | |
| 55 | 100 | 42 | 1.5 | 1 | 75000 | 72000 | 4000 | 5600 | 7211BDB | |
| 55 | 100 | 42 | 1.5 | 1 | 86000 | 80000 | 8500 | 12000 | 7211CDB | |
| 55 | 100 | 42 | 1.5 | 1 | 83000 | 79000 | 6000 | 8000 | 7211ADF | |
| 55 | 100 | 42 | 1.5 | 1 | 75000 | 72000 | 4000 | 5600 | 7211BDF | |
| 55 | 100 | 42 | 1.5 | 1 | 86000 | 80000 | 8500 | 12000 | 7211CDF | |

NSK Online Catalog
 Angular Contact Ball Bearings
 └ Single-Row, Matched Mountings

Rolling Bearings



| Boundary Dimensions (mm) | | | | | Basic Load Ratings (N) | | Limiting Speeds (min ⁻¹) | | Bearing Numbers | NSKHPS |
|--------------------------|----------|-----------|------------------|-------------------|------------------------|-----------------------|--------------------------------------|-------|-----------------|--------|
| <i>d</i> | <i>D</i> | <i>2B</i> | <i>r</i> min. | <i>r1</i> min. | <i>C_r</i> | <i>C_{0r}</i> | Grease | Oil | | |
| 55 | 100 | 42 | 1.5 | 1 | 83000 | 79000 | 6000 | 8000 | 7211ADT | |
| 55 | 100 | 42 | 1.5 | 1 | 75000 | 72000 | 4000 | 5600 | 7211BDT | |
| 55 | 100 | 42 | 1.5 | 1 | 86000 | 80000 | 8500 | 12000 | 7211CDT | |
| 55 | 120 | 58 | 2 | 1 | 139000 | 123000 | 4000 | 5600 | 7311ADB | |
| 55 | 120 | 58 | 2 | 1 | 128000 | 113000 | 3600 | 5000 | 7311BDB | |
| 55 | 120 | 58 | 2 | 1 | 139000 | 123000 | 4000 | 5600 | 7311ADF | |
| 55 | 120 | 58 | 2 | 1 | 128000 | 113000 | 3600 | 5000 | 7311BDF | |
| 55 | 120 | 58 | 2 | 1 | 139000 | 123000 | 4000 | 5600 | 7311ADT | |
| 55 | 120 | 58 | 2 | 1 | 128000 | 113000 | 3600 | 5000 | 7311BDT | |
| 60 | 85 | 26 | 1 | 0.6 | 29800 | 35500 | 7500 | 10000 | 7912A5DB | |
| 60 | 85 | 26 | 1 | 0.6 | 31500 | 37500 | 9000 | 12000 | 7912CDB | |
| 60 | 85 | 26 | 1 | 0.6 | 29800 | 35500 | 7500 | 10000 | 7912A5DF | |
| 60 | 85 | 26 | 1 | 0.6 | 31500 | 37500 | 9000 | 12000 | 7912CDF | |
| 60 | 85 | 26 | 1 | 0.6 | 29800 | 35500 | 7500 | 10000 | 7912A5DT | |
| 60 | 85 | 26 | 1 | 0.6 | 31500 | 37500 | 9000 | 12000 | 7912CDT | |
| 60 | 95 | 36 | 1.1 | 0.6 | 53500 | 59000 | 6000 | 8000 | 7012ADB | |
| 60 | 95 | 36 | 1.1 | 0.6 | 57000 | 61500 | 8500 | 12000 | 7012CDB | |
| 60 | 95 | 36 | 1.1 | 0.6 | 53500 | 59000 | 6000 | 8000 | 7012ADF | |
| 60 | 95 | 36 | 1.1 | 0.6 | 57000 | 61500 | 8500 | 12000 | 7012CDF | |
| 60 | 95 | 36 | 1.1 | 0.6 | 53500 | 59000 | 6000 | 8000 | 7012ADT | |
| 60 | 95 | 36 | 1.1 | 0.6 | 57000 | 61500 | 8500 | 12000 | 7012CDT | |
| 60 | 110 | 44 | 1.5 | 1 | 100000 | 97500 | 5300 | 7100 | 7212ADB | |
| 60 | 110 | 44 | 1.5 | 1 | 91000 | 89000 | 3800 | 5300 | 7212BDB | |
| 60 | 110 | 44 | 1.5 | 1 | 104000 | 98500 | 7500 | 11000 | 7212CDB | |
| 60 | 110 | 44 | 1.5 | 1 | 100000 | 97500 | 5300 | 7100 | 7212ADF | |
| 60 | 110 | 44 | 1.5 | 1 | 91000 | 89000 | 3800 | 5300 | 7212BDF | |
| 60 | 110 | 44 | 1.5 | 1 | 104000 | 98500 | 7500 | 11000 | 7212CDF | |
| 60 | 110 | 44 | 1.5 | 1 | 100000 | 97500 | 5300 | 7100 | 7212ADT | |
| 60 | 110 | 44 | 1.5 | 1 | 91000 | 89000 | 3800 | 5300 | 7212BDT | |
| 60 | 110 | 44 | 1.5 | 1 | 104000 | 98500 | 7500 | 11000 | 7212CDT | |
| 60 | 130 | 62 | 2.1 | 1.1 | 159000 | 143000 | 3800 | 5000 | 7312ADB | |
| 60 | 130 | 62 | 2.1 | 1.1 | 146000 | 131000 | 3400 | 4500 | 7312BDB | |
| 60 | 130 | 62 | 2.1 | 1.1 | 159000 | 143000 | 3800 | 5000 | 7312ADF | |
| 60 | 130 | 62 | 2.1 | 1.1 | 146000 | 131000 | 3400 | 4500 | 7312BDF | |
| 60 | 130 | 62 | 2.1 | 1.1 | 159000 | 143000 | 3800 | 5000 | 7312ADT | |
| 60 | 130 | 62 | 2.1 | 1.1 | 146000 | 131000 | 3400 | 4500 | 7312BDT | |
| 65 | 90 | 26 | 1 | 0.6 | 31000 | 39000 | 7100 | 9500 | 7913A5DB | |
| 65 | 90 | 26 | 1 | 0.6 | 33000 | 41000 | 8500 | 12000 | 7913CDB | |
| 65 | 90 | 26 | 1 | 0.6 | 31000 | 39000 | 7100 | 9500 | 7913A5DF | |
| 65 | 90 | 26 | 1 | 0.6 | 33000 | 41000 | 8500 | 12000 | 7913CDF | |
| 65 | 90 | 26 | 1 | 0.6 | 31000 | 39000 | 7100 | 9500 | 7913A5DT | |
| 65 | 90 | 26 | 1 | 0.6 | 33000 | 41000 | 8500 | 12000 | 7913CDT | |
| 65 | 100 | 36 | 1.1 | 0.6 | 56500 | 65500 | 5600 | 7500 | 7013ADB | |
| 65 | 100 | 36 | 1.1 | 0.6 | 60500 | 68500 | 8000 | 11000 | 7013CDB | |
| 65 | 100 | 36 | 1.1 | 0.6 | 56500 | 65500 | 5600 | 7500 | 7013ADF | |

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 Angular Contact Ball Bearings
 └ Single-Row, Matched Mountings

Rolling Bearings



| Boundary Dimensions (mm) | | | | | Basic Load Ratings (N) | | Limiting Speeds (min ⁻¹) | | Bearing Numbers | NSKHPS |
|-----------------------------|----------|-----------|------------------|-------------------|---------------------------|-----------------------|---|-------|--------------------|--------|
| <i>d</i> | <i>D</i> | <i>2B</i> | <i>r</i> min. | <i>r1</i> min. | <i>C_r</i> | <i>C_{0r}</i> | Grease | Oil | | |
| 65 | 100 | 36 | 1.1 | 0.6 | 60500 | 68500 | 8000 | 11000 | 7013CDF | |
| 65 | 100 | 36 | 1.1 | 0.6 | 56500 | 65500 | 5600 | 7500 | 7013ADT | |
| 65 | 100 | 36 | 1.1 | 0.6 | 60500 | 68500 | 8000 | 11000 | 7013CDT | |
| 65 | 120 | 46 | 1.5 | 1 | 114000 | 116000 | 4800 | 6700 | 7213ADB | |
| 65 | 120 | 46 | 1.5 | 1 | 103000 | 105000 | 3400 | 4800 | 7213BDB | |
| 65 | 120 | 46 | 1.5 | 1 | 119000 | 117000 | 7100 | 9500 | 7213CDB | |
| 65 | 120 | 46 | 1.5 | 1 | 114000 | 116000 | 4800 | 6700 | 7213ADF | |
| 65 | 120 | 46 | 1.5 | 1 | 103000 | 105000 | 3400 | 4800 | 7213BDF | |
| 65 | 120 | 46 | 1.5 | 1 | 119000 | 117000 | 7100 | 9500 | 7213CDF | |
| 65 | 120 | 46 | 1.5 | 1 | 114000 | 116000 | 4800 | 6700 | 7213ADT | |
| 65 | 120 | 46 | 1.5 | 1 | 103000 | 105000 | 3400 | 4800 | 7213BDT | |
| 65 | 120 | 46 | 1.5 | 1 | 119000 | 117000 | 7100 | 9500 | 7213CDT | |
| 65 | 140 | 66 | 2.1 | 1.1 | 180000 | 164000 | 3600 | 4800 | 7313ADB | |
| 65 | 140 | 66 | 2.1 | 1.1 | 166000 | 151000 | 3200 | 4300 | 7313BDB | |
| 65 | 140 | 66 | 2.1 | 1.1 | 180000 | 164000 | 3600 | 4800 | 7313ADF | |
| 65 | 140 | 66 | 2.1 | 1.1 | 166000 | 151000 | 3200 | 4300 | 7313BDF | |
| 65 | 140 | 66 | 2.1 | 1.1 | 180000 | 164000 | 3600 | 4800 | 7313ADT | |
| 65 | 140 | 66 | 2.1 | 1.1 | 166000 | 151000 | 3200 | 4300 | 7313BDT | |
| 70 | 100 | 32 | 1 | 0.6 | 43000 | 52500 | 6300 | 9000 | 7914A5DB | |
| 70 | 100 | 32 | 1 | 0.6 | 45500 | 55500 | 7500 | 11000 | 7914CDB | |
| 70 | 100 | 32 | 1 | 0.6 | 43000 | 52500 | 6300 | 9000 | 7914A5DF | |
| 70 | 100 | 32 | 1 | 0.6 | 45500 | 55500 | 7500 | 11000 | 7914CDF | |
| 70 | 100 | 32 | 1 | 0.6 | 43000 | 52500 | 6300 | 9000 | 7914A5DT | |
| 70 | 100 | 32 | 1 | 0.6 | 45500 | 55500 | 7500 | 11000 | 7914CDT | |
| 70 | 110 | 40 | 1.1 | 0.6 | 71500 | 82500 | 5000 | 6700 | 7014ADB | |
| 70 | 110 | 40 | 1.1 | 0.6 | 76000 | 86000 | 7100 | 10000 | 7014CDB | |
| 70 | 110 | 40 | 1.1 | 0.6 | 71500 | 82500 | 5000 | 6700 | 7014ADF | |
| 70 | 110 | 40 | 1.1 | 0.6 | 76000 | 86000 | 7100 | 10000 | 7014CDF | |
| 70 | 110 | 40 | 1.1 | 0.6 | 71500 | 82500 | 5000 | 6700 | 7014ADT | |
| 70 | 110 | 40 | 1.1 | 0.6 | 76000 | 86000 | 7100 | 10000 | 7014CDT | |
| 70 | 125 | 48 | 1.5 | 1 | 124000 | 127000 | 4500 | 6300 | 7214ADB | |
| 70 | 125 | 48 | 1.5 | 1 | 112000 | 116000 | 3200 | 4500 | 7214BDB | |
| 70 | 125 | 48 | 1.5 | 1 | 129000 | 129000 | 6700 | 9000 | 7214CDB | |
| 70 | 125 | 48 | 1.5 | 1 | 124000 | 127000 | 4500 | 6300 | 7214ADF | |
| 70 | 125 | 48 | 1.5 | 1 | 112000 | 116000 | 3200 | 4500 | 7214BDF | |
| 70 | 125 | 48 | 1.5 | 1 | 129000 | 129000 | 6700 | 9000 | 7214CDF | |
| 70 | 125 | 48 | 1.5 | 1 | 124000 | 127000 | 4500 | 6300 | 7214ADT | |
| 70 | 125 | 48 | 1.5 | 1 | 112000 | 116000 | 3200 | 4500 | 7214BDT | |
| 70 | 125 | 48 | 1.5 | 1 | 129000 | 129000 | 6700 | 9000 | 7214CDT | |
| 70 | 150 | 70 | 2.1 | 1.1 | 203000 | 187000 | 3200 | 4300 | 7314ADB | |
| 70 | 150 | 70 | 2.1 | 1.1 | 186000 | 172000 | 2800 | 4000 | 7314BDB | |
| 70 | 150 | 70 | 2.1 | 1.1 | 203000 | 187000 | 3200 | 4300 | 7314ADF | |
| 70 | 150 | 70 | 2.1 | 1.1 | 186000 | 172000 | 2800 | 4000 | 7314BDF | |
| 70 | 150 | 70 | 2.1 | 1.1 | 203000 | 187000 | 3200 | 4300 | 7314ADT | |
| 70 | 150 | 70 | 2.1 | 1.1 | 186000 | 172000 | 2800 | 4000 | 7314BDT | |

| Boundary Dimensions (mm) | | | | | Basic Load Ratings (N) | | Limiting Speeds (min ⁻¹) | | Bearing Numbers | NSKHPS |
|-----------------------------|----------|-----------|------------------|-------------------|---------------------------|-----------------------|---|-------|--------------------|--------|
| <i>d</i> | <i>D</i> | <i>2B</i> | <i>r</i> min. | <i>r1</i> min. | <i>C_r</i> | <i>C_{0r}</i> | Grease | Oil | | |
| 75 | 105 | 32 | 1 | 0.6 | 44000 | 55500 | 6000 | 8500 | 7915A5DB | |
| 75 | 105 | 32 | 1 | 0.6 | 46500 | 58500 | 7100 | 10000 | 7915CDB | |
| 75 | 105 | 32 | 1 | 0.6 | 44000 | 55500 | 6000 | 8500 | 7915A5DF | |
| 75 | 105 | 32 | 1 | 0.6 | 46500 | 58500 | 7100 | 10000 | 7915CDF | |
| 75 | 105 | 32 | 1 | 0.6 | 44000 | 55500 | 6000 | 8500 | 7915A5DT | |
| 75 | 105 | 32 | 1 | 0.6 | 46500 | 58500 | 7100 | 10000 | 7915CDT | |
| 75 | 115 | 40 | 1.1 | 0.6 | 73000 | 87500 | 4800 | 6700 | 7015ADB | |
| 75 | 115 | 40 | 1.1 | 0.6 | 78000 | 91500 | 6700 | 9500 | 7015CDB | |
| 75 | 115 | 40 | 1.1 | 0.6 | 73000 | 87500 | 4800 | 6700 | 7015ADF | |
| 75 | 115 | 40 | 1.1 | 0.6 | 78000 | 91500 | 6700 | 9500 | 7015CDF | |
| 75 | 115 | 40 | 1.1 | 0.6 | 73000 | 87500 | 4800 | 6700 | 7015ADT | |
| 75 | 115 | 40 | 1.1 | 0.6 | 78000 | 91500 | 6700 | 9500 | 7015CDT | |
| 75 | 130 | 50 | 1.5 | 1 | 123000 | 129000 | 4300 | 6000 | 7215ADB | |
| 75 | 130 | 50 | 1.5 | 1 | 112000 | 117000 | 3200 | 4300 | 7215BDB | |
| 75 | 130 | 50 | 1.5 | 1 | 134000 | 140000 | 6300 | 9000 | 7215CDB | |
| 75 | 130 | 50 | 1.5 | 1 | 123000 | 129000 | 4300 | 6000 | 7215ADF | |
| 75 | 130 | 50 | 1.5 | 1 | 112000 | 117000 | 3200 | 4300 | 7215BDF | |
| 75 | 130 | 50 | 1.5 | 1 | 134000 | 140000 | 6300 | 9000 | 7215CDF | |
| 75 | 130 | 50 | 1.5 | 1 | 123000 | 129000 | 4300 | 6000 | 7215ADT | |
| 75 | 130 | 50 | 1.5 | 1 | 112000 | 117000 | 3200 | 4300 | 7215BDT | |
| 75 | 130 | 50 | 1.5 | 1 | 134000 | 140000 | 6300 | 9000 | 7215CDT | |
| 75 | 160 | 74 | 2.1 | 1.1 | 221000 | 212000 | 3000 | 4000 | 7315ADB | |
| 75 | 160 | 74 | 2.1 | 1.1 | 202000 | 195000 | 2800 | 3800 | 7315BDB | |
| 75 | 160 | 74 | 2.1 | 1.1 | 221000 | 212000 | 3000 | 4000 | 7315ADF | |
| 75 | 160 | 74 | 2.1 | 1.1 | 202000 | 195000 | 2800 | 3800 | 7315BDF | |
| 75 | 160 | 74 | 2.1 | 1.1 | 221000 | 212000 | 3000 | 4000 | 7315ADT | |
| 75 | 160 | 74 | 2.1 | 1.1 | 202000 | 195000 | 2800 | 3800 | 7315BDT | |
| 80 | 110 | 32 | 1 | 0.6 | 44500 | 58000 | 5600 | 8000 | 7916A5DB | |
| 80 | 110 | 32 | 1 | 0.6 | 47000 | 61500 | 6700 | 9500 | 7916CDB | |
| 80 | 110 | 32 | 1 | 0.6 | 44500 | 58000 | 5600 | 8000 | 7916A5DF | |
| 80 | 110 | 32 | 1 | 0.6 | 47000 | 61500 | 6700 | 9500 | 7916CDF | |
| 80 | 110 | 32 | 1 | 0.6 | 44500 | 58000 | 5600 | 8000 | 7916A5DT | |
| 80 | 110 | 32 | 1 | 0.6 | 47000 | 61500 | 6700 | 9500 | 7916CDT | |
| 80 | 125 | 44 | 1.1 | 0.6 | 89500 | 106000 | 4300 | 6000 | 7016ADB | |
| 80 | 125 | 44 | 1.1 | 0.6 | 95500 | 111000 | 6300 | 9000 | 7016CDB | |
| 80 | 125 | 44 | 1.1 | 0.6 | 89500 | 106000 | 4300 | 6000 | 7016ADF | |
| 80 | 125 | 44 | 1.1 | 0.6 | 95500 | 111000 | 6300 | 9000 | 7016CDF | |
| 80 | 125 | 44 | 1.1 | 0.6 | 89500 | 106000 | 4300 | 6000 | 7016ADT | |
| 80 | 125 | 44 | 1.1 | 0.6 | 95500 | 111000 | 6300 | 9000 | 7016CDT | |
| 80 | 140 | 52 | 2 | 1 | 145000 | 152000 | 4000 | 5600 | 7216ADB | |
| 80 | 140 | 52 | 2 | 1 | 131000 | 139000 | 2800 | 4000 | 7216BDB | |
| 80 | 140 | 52 | 2 | 1 | 151000 | 155000 | 6000 | 8000 | 7216CDB | |
| 80 | 140 | 52 | 2 | 1 | 145000 | 152000 | 4000 | 5600 | 7216ADF | |
| 80 | 140 | 52 | 2 | 1 | 131000 | 139000 | 2800 | 4000 | 7216BDF | |
| 80 | 140 | 52 | 2 | 1 | 151000 | 155000 | 6000 | 8000 | 7216CDF | |

NSK Online Catalog
 Angular Contact Ball Bearings
 └ Single-Row, Matched Mountings

Rolling Bearings



| Boundary Dimensions (mm) | | | | | Basic Load Ratings (N) | | Limiting Speeds (min ⁻¹) | | Bearing Numbers | NSKHPS |
|-----------------------------|----------|-----------|------------------|-------------------|---------------------------|-----------------------|---|------|--------------------|--------|
| <i>d</i> | <i>D</i> | <i>2B</i> | <i>r</i> min. | <i>r1</i> min. | <i>C_r</i> | <i>C_{0r}</i> | Grease | Oil | | |
| 80 | 140 | 52 | 2 | 1 | 145000 | 152000 | 4000 | 5600 | 7216ADT | |
| 80 | 140 | 52 | 2 | 1 | 131000 | 139000 | 2800 | 4000 | 7216BDT | |
| 80 | 140 | 52 | 2 | 1 | 151000 | 155000 | 6000 | 8000 | 7216CDT | |
| 80 | 170 | 78 | 2.1 | 1.1 | 239000 | 238000 | 2800 | 3800 | 7316ADB | |
| 80 | 170 | 78 | 2.1 | 1.1 | 219000 | 218000 | 2600 | 3400 | 7316BDB | |
| 80 | 170 | 78 | 2.1 | 1.1 | 239000 | 238000 | 2800 | 3800 | 7316ADF | |
| 80 | 170 | 78 | 2.1 | 1.1 | 219000 | 218000 | 2600 | 3400 | 7316BDF | |
| 80 | 170 | 78 | 2.1 | 1.1 | 239000 | 238000 | 2800 | 3800 | 7316ADT | |
| 80 | 170 | 78 | 2.1 | 1.1 | 219000 | 218000 | 2600 | 3400 | 7316BDT | |
| 85 | 120 | 36 | 1.1 | 0.6 | 59500 | 77000 | 5300 | 7500 | 7917A5DB | |
| 85 | 120 | 36 | 1.1 | 0.6 | 63000 | 81500 | 6300 | 9000 | 7917CDB | |
| 85 | 120 | 36 | 1.1 | 0.6 | 59500 | 77000 | 5300 | 7500 | 7917A5DF | |
| 85 | 120 | 36 | 1.1 | 0.6 | 63000 | 81500 | 6300 | 9000 | 7917CDF | |
| 85 | 120 | 36 | 1.1 | 0.6 | 59500 | 77000 | 5300 | 7500 | 7917A5DT | |
| 85 | 120 | 36 | 1.1 | 0.6 | 63000 | 81500 | 6300 | 9000 | 7917CDT | |
| 85 | 130 | 44 | 1.1 | 0.6 | 91500 | 112000 | 4300 | 5600 | 7017ADB | |
| 85 | 130 | 44 | 1.1 | 0.6 | 98000 | 117000 | 6000 | 8500 | 7017CDB | |
| 85 | 130 | 44 | 1.1 | 0.6 | 91500 | 112000 | 4300 | 5600 | 7017ADF | |
| 85 | 130 | 44 | 1.1 | 0.6 | 98000 | 117000 | 6000 | 8500 | 7017CDF | |
| 85 | 130 | 44 | 1.1 | 0.6 | 91500 | 112000 | 4300 | 5600 | 7017ADT | |
| 85 | 130 | 44 | 1.1 | 0.6 | 98000 | 117000 | 6000 | 8500 | 7017CDT | |
| 85 | 150 | 56 | 2 | 1 | 167000 | 178000 | 3800 | 5300 | 7217ADB | |
| 85 | 150 | 56 | 2 | 1 | 151000 | 162000 | 2800 | 3800 | 7217BDB | |
| 85 | 150 | 56 | 2 | 1 | 174000 | 181000 | 5600 | 7500 | 7217CDB | |
| 85 | 150 | 56 | 2 | 1 | 167000 | 178000 | 3800 | 5300 | 7217ADF | |
| 85 | 150 | 56 | 2 | 1 | 151000 | 162000 | 2800 | 3800 | 7217BDF | |
| 85 | 150 | 56 | 2 | 1 | 174000 | 181000 | 5600 | 7500 | 7217CDF | |
| 85 | 150 | 56 | 2 | 1 | 167000 | 178000 | 3800 | 5300 | 7217ADT | |
| 85 | 150 | 56 | 2 | 1 | 151000 | 162000 | 2800 | 3800 | 7217BDT | |
| 85 | 150 | 56 | 2 | 1 | 174000 | 181000 | 5600 | 7500 | 7217CDT | |
| 85 | 180 | 82 | 3 | 1.1 | 258000 | 265000 | 2600 | 3600 | 7317ADB | |
| 85 | 180 | 82 | 3 | 1.1 | 236000 | 244000 | 2400 | 3200 | 7317BDB | |
| 85 | 180 | 82 | 3 | 1.1 | 258000 | 265000 | 2600 | 3600 | 7317ADF | |
| 85 | 180 | 82 | 3 | 1.1 | 236000 | 244000 | 2400 | 3200 | 7317BDF | |
| 85 | 180 | 82 | 3 | 1.1 | 258000 | 265000 | 2600 | 3600 | 7317ADT | |
| 85 | 180 | 82 | 3 | 1.1 | 236000 | 244000 | 2400 | 3200 | 7317BDT | |
| 90 | 125 | 36 | 1.1 | 0.6 | 64000 | 87000 | 5000 | 7100 | 7918A5DB | |
| 90 | 125 | 36 | 1.1 | 0.6 | 67500 | 92000 | 6000 | 8500 | 7918CDB | |
| 90 | 125 | 36 | 1.1 | 0.6 | 64000 | 87000 | 5000 | 7100 | 7918A5DF | |
| 90 | 125 | 36 | 1.1 | 0.6 | 67500 | 92000 | 6000 | 8500 | 7918CDF | |
| 90 | 125 | 36 | 1.1 | 0.6 | 64000 | 87000 | 5000 | 7100 | 7918A5DT | |
| 90 | 125 | 36 | 1.1 | 0.6 | 67500 | 92000 | 6000 | 8500 | 7918CDT | |
| 90 | 140 | 48 | 1.5 | 1 | 109000 | 133000 | 3800 | 5300 | 7018ADB | |
| 90 | 140 | 48 | 1.5 | 1 | 116000 | 138000 | 5600 | 8000 | 7018CDB | |
| 90 | 140 | 48 | 1.5 | 1 | 109000 | 133000 | 3800 | 5300 | 7018ADF | |

| Boundary Dimensions (mm) | | | | | Basic Load Ratings (N) | | Limiting Speeds (min ⁻¹) | | Bearing Numbers | NSKHPS |
|-----------------------------|----------|-----------|------------------|-------------------|---------------------------|-----------------------|---|------|--------------------|--------|
| <i>d</i> | <i>D</i> | <i>2B</i> | <i>r</i> min. | <i>r1</i> min. | <i>C_r</i> | <i>C_{0r}</i> | Grease | Oil | | |
| 90 | 140 | 48 | 1.5 | 1 | 116000 | 138000 | 5600 | 8000 | 7018CDF | |
| 90 | 140 | 48 | 1.5 | 1 | 109000 | 133000 | 3800 | 5300 | 7018ADT | |
| 90 | 140 | 48 | 1.5 | 1 | 116000 | 138000 | 5600 | 8000 | 7018CDT | |
| 90 | 160 | 60 | 2 | 1 | 191000 | 206000 | 3600 | 5000 | 7218ADB | |
| 90 | 160 | 60 | 2 | 1 | 173000 | 188000 | 2600 | 3400 | 7218BDB | |
| 90 | 160 | 60 | 2 | 1 | 199000 | 209000 | 5300 | 7100 | 7218CDB | |
| 90 | 160 | 60 | 2 | 1 | 191000 | 206000 | 3600 | 5000 | 7218ADF | |
| 90 | 160 | 60 | 2 | 1 | 173000 | 188000 | 2600 | 3400 | 7218BDF | |
| 90 | 160 | 60 | 2 | 1 | 199000 | 209000 | 5300 | 7100 | 7218CDF | |
| 90 | 160 | 60 | 2 | 1 | 191000 | 206000 | 3600 | 5000 | 7218ADT | |
| 90 | 160 | 60 | 2 | 1 | 173000 | 188000 | 2600 | 3400 | 7218BDT | |
| 90 | 160 | 60 | 2 | 1 | 199000 | 209000 | 5300 | 7100 | 7218CDT | |
| 90 | 190 | 86 | 3 | 1.1 | 277000 | 294000 | 2600 | 3400 | 7318ADB | |
| 90 | 190 | 86 | 3 | 1.1 | 254000 | 270000 | 2200 | 3000 | 7318BDB | |
| 90 | 190 | 86 | 3 | 1.1 | 277000 | 294000 | 2600 | 3400 | 7318ADF | |
| 90 | 190 | 86 | 3 | 1.1 | 254000 | 270000 | 2200 | 3000 | 7318BDF | |
| 90 | 190 | 86 | 3 | 1.1 | 277000 | 294000 | 2600 | 3400 | 7318ADT | |
| 90 | 190 | 86 | 3 | 1.1 | 254000 | 270000 | 2200 | 3000 | 7318BDT | |
| 95 | 130 | 36 | 1.1 | 0.6 | 64500 | 91000 | 4800 | 6700 | 7919A5DB | |
| 95 | 130 | 36 | 1.1 | 0.6 | 68500 | 96000 | 5600 | 8000 | 7919CDB | |
| 95 | 130 | 36 | 1.1 | 0.6 | 64500 | 91000 | 4800 | 6700 | 7919A5DF | |
| 95 | 130 | 36 | 1.1 | 0.6 | 68500 | 96000 | 5600 | 8000 | 7919CDF | |
| 95 | 130 | 36 | 1.1 | 0.6 | 64500 | 91000 | 4800 | 6700 | 7919A5DT | |
| 95 | 130 | 36 | 1.1 | 0.6 | 68500 | 96000 | 5600 | 8000 | 7919CDT | |
| 95 | 145 | 48 | 1.5 | 1 | 109000 | 134000 | 3800 | 5000 | 7019ADB | |
| 95 | 145 | 48 | 1.5 | 1 | 119000 | 146000 | 5300 | 7500 | 7019CDB | |
| 95 | 145 | 48 | 1.5 | 1 | 109000 | 134000 | 3800 | 5000 | 7019ADF | |
| 95 | 145 | 48 | 1.5 | 1 | 119000 | 146000 | 5300 | 7500 | 7019CDF | |
| 95 | 145 | 48 | 1.5 | 1 | 109000 | 134000 | 3800 | 5000 | 7019ADT | |
| 95 | 145 | 48 | 1.5 | 1 | 119000 | 146000 | 5300 | 7500 | 7019CDT | |
| 95 | 170 | 64 | 2.1 | 1.1 | 208000 | 221000 | 3400 | 4500 | 7219ADB | |
| 95 | 170 | 64 | 2.1 | 1.1 | 188000 | 202000 | 2400 | 3200 | 7219BDB | |
| 95 | 170 | 64 | 2.1 | 1.1 | 216000 | 224000 | 4800 | 6700 | 7219CDB | |
| 95 | 170 | 64 | 2.1 | 1.1 | 208000 | 221000 | 3400 | 4500 | 7219ADF | |
| 95 | 170 | 64 | 2.1 | 1.1 | 188000 | 202000 | 2400 | 3200 | 7219BDF | |
| 95 | 170 | 64 | 2.1 | 1.1 | 216000 | 224000 | 4800 | 6700 | 7219CDF | |
| 95 | 170 | 64 | 2.1 | 1.1 | 208000 | 221000 | 3400 | 4500 | 7219ADT | |
| 95 | 170 | 64 | 2.1 | 1.1 | 188000 | 202000 | 2400 | 3200 | 7219BDT | |
| 95 | 170 | 64 | 2.1 | 1.1 | 216000 | 224000 | 4800 | 6700 | 7219CDT | |
| 95 | 200 | 90 | 3 | 1.1 | 297000 | 325000 | 2400 | 3200 | 7319ADB | |
| 95 | 200 | 90 | 3 | 1.1 | 272000 | 298000 | 2200 | 3000 | 7319BDB | |
| 95 | 200 | 90 | 3 | 1.1 | 297000 | 325000 | 2400 | 3200 | 7319ADF | |
| 95 | 200 | 90 | 3 | 1.1 | 272000 | 298000 | 2200 | 3000 | 7319BDF | |
| 95 | 200 | 90 | 3 | 1.1 | 297000 | 325000 | 2400 | 3200 | 7319ADT | |
| 95 | 200 | 90 | 3 | 1.1 | 272000 | 298000 | 2200 | 3000 | 7319BDT | |

NSK Online Catalog
 Angular Contact Ball Bearings
 └ Single-Row, Matched Mountings

Rolling Bearings



| Boundary Dimensions (mm) | | | | | Basic Load Ratings (N) | | Limiting Speeds (min ⁻¹) | | Bearing Numbers | NSKHPS |
|-----------------------------|----------|-----------|------------------|-------------------|---------------------------|-----------------------|---|------|--------------------|--------|
| <i>d</i> | <i>D</i> | <i>2B</i> | <i>r</i> min. | <i>r1</i> min. | <i>C_r</i> | <i>C_{0r}</i> | Grease | Oil | | |
| 100 | 140 | 40 | 1.1 | 0.6 | 77000 | 103000 | 4500 | 6300 | 7920A5DB | |
| 100 | 140 | 40 | 1.1 | 0.6 | 81500 | 108000 | 5300 | 7500 | 7920CDB | |
| 100 | 140 | 40 | 1.1 | 0.6 | 77000 | 103000 | 4500 | 6300 | 7920A5DF | |
| 100 | 140 | 40 | 1.1 | 0.6 | 81500 | 108000 | 5300 | 7500 | 7920CDF | |
| 100 | 140 | 40 | 1.1 | 0.6 | 77000 | 103000 | 4500 | 6300 | 7920A5DT | |
| 100 | 140 | 40 | 1.1 | 0.6 | 81500 | 108000 | 5300 | 7500 | 7920CDT | |
| 100 | 150 | 48 | 1.5 | 1 | 111000 | 141000 | 3600 | 5000 | 7020ADB | |
| 100 | 150 | 48 | 1.5 | 1 | 122000 | 154000 | 5300 | 7100 | 7020CDB | |
| 100 | 150 | 48 | 1.5 | 1 | 111000 | 141000 | 3600 | 5000 | 7020ADF | |
| 100 | 150 | 48 | 1.5 | 1 | 122000 | 154000 | 5300 | 7100 | 7020CDF | |
| 100 | 150 | 48 | 1.5 | 1 | 111000 | 141000 | 3600 | 5000 | 7020ADT | |
| 100 | 150 | 48 | 1.5 | 1 | 122000 | 154000 | 5300 | 7100 | 7020CDT | |
| 100 | 180 | 68 | 2.1 | 1.1 | 233000 | 251000 | 3200 | 4300 | 7220ADB | |
| 100 | 180 | 68 | 2.1 | 1.1 | 212000 | 229000 | 2200 | 3000 | 7220BDB | |
| 100 | 180 | 68 | 2.1 | 1.1 | 242000 | 254000 | 4500 | 6300 | 7220CDB | |
| 100 | 180 | 68 | 2.1 | 1.1 | 233000 | 251000 | 3200 | 4300 | 7220ADF | |
| 100 | 180 | 68 | 2.1 | 1.1 | 212000 | 229000 | 2200 | 3000 | 7220BDF | |
| 100 | 180 | 68 | 2.1 | 1.1 | 242000 | 254000 | 4500 | 6300 | 7220CDF | |
| 100 | 180 | 68 | 2.1 | 1.1 | 233000 | 251000 | 3200 | 4300 | 7220ADT | |
| 100 | 180 | 68 | 2.1 | 1.1 | 212000 | 229000 | 2200 | 3000 | 7220BDT | |
| 100 | 180 | 68 | 2.1 | 1.1 | 242000 | 254000 | 4500 | 6300 | 7220CDT | |
| 100 | 215 | 94 | 3 | 1.1 | 335000 | 385000 | 2200 | 3000 | 7320ADB | |
| 100 | 215 | 94 | 3 | 1.1 | 310000 | 355000 | 2000 | 2800 | 7320BDB | |
| 100 | 215 | 94 | 3 | 1.1 | 335000 | 385000 | 2200 | 3000 | 7320ADF | |
| 100 | 215 | 94 | 3 | 1.1 | 310000 | 355000 | 2000 | 2800 | 7320BDF | |
| 100 | 215 | 94 | 3 | 1.1 | 335000 | 385000 | 2200 | 3000 | 7320ADT | |
| 100 | 215 | 94 | 3 | 1.1 | 310000 | 355000 | 2000 | 2800 | 7320BDT | |
| 105 | 145 | 40 | 1.1 | 0.6 | 78500 | 108000 | 4300 | 6000 | 7921A5DB | |
| 105 | 145 | 40 | 1.1 | 0.6 | 83000 | 114000 | 5300 | 7100 | 7921CDB | |
| 105 | 145 | 40 | 1.1 | 0.6 | 78500 | 108000 | 4300 | 6000 | 7921A5DF | |
| 105 | 145 | 40 | 1.1 | 0.6 | 83000 | 114000 | 5300 | 7100 | 7921CDF | |
| 105 | 145 | 40 | 1.1 | 0.6 | 78500 | 108000 | 4300 | 6000 | 7921A5DT | |
| 105 | 145 | 40 | 1.1 | 0.6 | 83000 | 114000 | 5300 | 7100 | 7921CDT | |
| 105 | 160 | 52 | 2 | 1 | 130000 | 163000 | 3400 | 4500 | 7021ADB | |
| 105 | 160 | 52 | 2 | 1 | 143000 | 179000 | 4800 | 6700 | 7021CDB | |
| 105 | 160 | 52 | 2 | 1 | 130000 | 163000 | 3400 | 4500 | 7021ADF | |
| 105 | 160 | 52 | 2 | 1 | 143000 | 179000 | 4800 | 6700 | 7021CDF | |
| 105 | 160 | 52 | 2 | 1 | 130000 | 163000 | 3400 | 4500 | 7021ADT | |
| 105 | 160 | 52 | 2 | 1 | 143000 | 179000 | 4800 | 6700 | 7021CDT | |
| 105 | 190 | 72 | 2.1 | 1.1 | 254000 | 283000 | 3000 | 4000 | 7221ADB | |
| 105 | 190 | 72 | 2.1 | 1.1 | 231000 | 258000 | 2200 | 3000 | 7221BDB | |
| 105 | 190 | 72 | 2.1 | 1.1 | 264000 | 286000 | 4300 | 6000 | 7221CDB | |
| 105 | 190 | 72 | 2.1 | 1.1 | 254000 | 283000 | 3000 | 4000 | 7221ADF | |
| 105 | 190 | 72 | 2.1 | 1.1 | 231000 | 258000 | 2200 | 3000 | 7221BDF | |
| 105 | 190 | 72 | 2.1 | 1.1 | 264000 | 286000 | 4300 | 6000 | 7221CDF | |

| Boundary Dimensions (mm) | | | | | Basic Load Ratings (N) | | Limiting Speeds (min ⁻¹) | | Bearing Numbers | NSKHPS |
|-----------------------------|----------|-----------|------------------|-------------------|---------------------------|-----------------------|---|------|--------------------|--------|
| <i>d</i> | <i>D</i> | <i>2B</i> | <i>r</i> min. | <i>r1</i> min. | <i>C_r</i> | <i>C_{0r}</i> | Grease | Oil | | |
| 105 | 190 | 72 | 2.1 | 1.1 | 254000 | 283000 | 3000 | 4000 | 7221ADT | |
| 105 | 190 | 72 | 2.1 | 1.1 | 231000 | 258000 | 2200 | 3000 | 7221BDT | |
| 105 | 190 | 72 | 2.1 | 1.1 | 264000 | 286000 | 4300 | 6000 | 7221CDT | |
| 105 | 225 | 98 | 3 | 1.1 | 335000 | 385000 | 2200 | 2800 | 7321ADB | |
| 105 | 225 | 98 | 3 | 1.1 | 310000 | 355000 | 1900 | 2600 | 7321BDB | |
| 105 | 225 | 98 | 3 | 1.1 | 335000 | 385000 | 2200 | 2800 | 7321ADF | |
| 105 | 225 | 98 | 3 | 1.1 | 310000 | 355000 | 1900 | 2600 | 7321BDF | |
| 105 | 225 | 98 | 3 | 1.1 | 335000 | 385000 | 2200 | 2800 | 7321ADT | |
| 105 | 225 | 98 | 3 | 1.1 | 310000 | 355000 | 1900 | 2600 | 7321BDT | |
| 110 | 150 | 40 | 1.1 | 0.6 | 79500 | 112000 | 4300 | 5600 | 7922A5DB | |
| 110 | 150 | 40 | 1.1 | 0.6 | 84500 | 119000 | 5000 | 6700 | 7922CDB | |
| 110 | 150 | 40 | 1.1 | 0.6 | 79500 | 112000 | 4300 | 5600 | 7922A5DF | |
| 110 | 150 | 40 | 1.1 | 0.6 | 84500 | 119000 | 5000 | 6700 | 7922CDF | |
| 110 | 150 | 40 | 1.1 | 0.6 | 79500 | 112000 | 4300 | 5600 | 7922A5DT | |
| 110 | 150 | 40 | 1.1 | 0.6 | 84500 | 119000 | 5000 | 6700 | 7922CDT | |
| 110 | 170 | 56 | 2 | 1 | 157000 | 191000 | 3200 | 4300 | 7022ADB | |
| 110 | 170 | 56 | 2 | 1 | 172000 | 208000 | 4500 | 6300 | 7022CDB | |
| 110 | 170 | 56 | 2 | 1 | 157000 | 191000 | 3200 | 4300 | 7022ADF | |
| 110 | 170 | 56 | 2 | 1 | 172000 | 208000 | 4500 | 6300 | 7022CDF | |
| 110 | 170 | 56 | 2 | 1 | 157000 | 191000 | 3200 | 4300 | 7022ADT | |
| 110 | 170 | 56 | 2 | 1 | 172000 | 208000 | 4500 | 6300 | 7022CDT | |
| 110 | 200 | 76 | 2.1 | 1.1 | 276000 | 315000 | 2800 | 4000 | 7222ADB | |
| 110 | 200 | 76 | 2.1 | 1.1 | 250000 | 289000 | 2000 | 2800 | 7222BDB | |
| 110 | 200 | 76 | 2.1 | 1.1 | 286000 | 320000 | 4000 | 5600 | 7222CDB | |
| 110 | 200 | 76 | 2.1 | 1.1 | 276000 | 315000 | 2800 | 4000 | 7222ADF | |
| 110 | 200 | 76 | 2.1 | 1.1 | 250000 | 289000 | 2000 | 2800 | 7222BDF | |
| 110 | 200 | 76 | 2.1 | 1.1 | 286000 | 320000 | 4000 | 5600 | 7222CDF | |
| 110 | 200 | 76 | 2.1 | 1.1 | 276000 | 315000 | 2800 | 4000 | 7222ADT | |
| 110 | 200 | 76 | 2.1 | 1.1 | 250000 | 289000 | 2000 | 2800 | 7222BDT | |
| 110 | 200 | 76 | 2.1 | 1.1 | 286000 | 320000 | 4000 | 5600 | 7222CDT | |
| 110 | 240 | 100 | 3 | 1.1 | 360000 | 430000 | 2000 | 2600 | 7322ADB | |
| 110 | 240 | 100 | 3 | 1.1 | 325000 | 395000 | 1800 | 2400 | 7322BDB | |
| 110 | 240 | 100 | 3 | 1.1 | 360000 | 430000 | 2000 | 2600 | 7322ADF | |
| 110 | 240 | 100 | 3 | 1.1 | 325000 | 395000 | 1800 | 2400 | 7322BDF | |
| 110 | 240 | 100 | 3 | 1.1 | 360000 | 430000 | 2000 | 2600 | 7322ADT | |
| 110 | 240 | 100 | 3 | 1.1 | 325000 | 395000 | 1800 | 2400 | 7322BDT | |
| 120 | 165 | 44 | 1.1 | 0.6 | 110000 | 154000 | 3800 | 5300 | 7924A5DB | |
| 120 | 165 | 44 | 1.1 | 0.6 | 117000 | 162000 | 4500 | 6300 | 7924CDB | |
| 120 | 165 | 44 | 1.1 | 0.6 | 110000 | 154000 | 3800 | 5300 | 7924A5DF | |
| 120 | 165 | 44 | 1.1 | 0.6 | 117000 | 162000 | 4500 | 6300 | 7924CDF | |
| 120 | 165 | 44 | 1.1 | 0.6 | 110000 | 154000 | 3800 | 5300 | 7924A5DT | |
| 120 | 165 | 44 | 1.1 | 0.6 | 117000 | 162000 | 4500 | 6300 | 7924CDT | |
| 120 | 180 | 56 | 2 | 1 | 166000 | 213000 | 3000 | 4000 | 7024ADB | |
| 120 | 180 | 56 | 2 | 1 | 166000 | 213000 | 3000 | 4000 | 7024ADF | |
| 120 | 180 | 56 | 2 | 1 | 166000 | 213000 | 3000 | 4000 | 7024ADT | |

| Boundary Dimensions (mm) | | | | | Basic Load Ratings (N) | | Limiting Speeds (min ⁻¹) | | Bearing Numbers | NSKHPS |
|-----------------------------|----------|-----------|------------------|-------------------|---------------------------|-----------------------|---|------|--------------------|--------|
| <i>d</i> | <i>D</i> | <i>2B</i> | <i>r</i> min. | <i>r1</i> min. | <i>C_r</i> | <i>C_{0r}</i> | Grease | Oil | | |
| 120 | 215 | 80 | 2.1 | 1.1 | 297000 | 355000 | 2600 | 3600 | 7224ADB | |
| 120 | 215 | 80 | 2.1 | 1.1 | 269000 | 325000 | 1900 | 2600 | 7224BDB | |
| 120 | 215 | 80 | 2.1 | 1.1 | 297000 | 355000 | 2600 | 3600 | 7224ADF | |
| 120 | 215 | 80 | 2.1 | 1.1 | 269000 | 325000 | 1900 | 2600 | 7224BDF | |
| 120 | 215 | 80 | 2.1 | 1.1 | 297000 | 355000 | 2600 | 3600 | 7224ADT | |
| 120 | 215 | 80 | 2.1 | 1.1 | 269000 | 325000 | 1900 | 2600 | 7224BDT | |
| 120 | 260 | 110 | 3 | 1.1 | 400000 | 505000 | 1800 | 2400 | 7324ADB | |
| 120 | 260 | 110 | 3 | 1.1 | 365000 | 460000 | 1600 | 2200 | 7324BDB | |
| 120 | 260 | 110 | 3 | 1.1 | 400000 | 505000 | 1800 | 2400 | 7324ADF | |
| 120 | 260 | 110 | 3 | 1.1 | 365000 | 460000 | 1600 | 2200 | 7324BDF | |
| 120 | 260 | 110 | 3 | 1.1 | 400000 | 505000 | 1800 | 2400 | 7324ADT | |
| 120 | 260 | 110 | 3 | 1.1 | 365000 | 460000 | 1600 | 2200 | 7324BDT | |
| 130 | 180 | 48 | 1.5 | 1 | 120000 | 172000 | 3400 | 4800 | 7926A5DB | |
| 130 | 180 | 48 | 1.5 | 1 | 128000 | 182000 | 4000 | 5600 | 7926CDB | |
| 130 | 180 | 48 | 1.5 | 1 | 120000 | 172000 | 3400 | 4800 | 7926A5DF | |
| 130 | 180 | 48 | 1.5 | 1 | 128000 | 182000 | 4000 | 5600 | 7926CDF | |
| 130 | 180 | 48 | 1.5 | 1 | 120000 | 172000 | 3400 | 4800 | 7926A5DT | |
| 130 | 180 | 48 | 1.5 | 1 | 128000 | 182000 | 4000 | 5600 | 7926CDT | |
| 130 | 200 | 66 | 2 | 1 | 191000 | 251000 | 2600 | 3600 | 7026ADB | |
| 130 | 200 | 66 | 2 | 1 | 191000 | 251000 | 2600 | 3600 | 7026ADF | |
| 130 | 200 | 66 | 2 | 1 | 191000 | 251000 | 2600 | 3600 | 7026ADT | |
| 130 | 230 | 80 | 3 | 1.1 | 310000 | 385000 | 1900 | 2600 | 7226ADB | |
| 130 | 230 | 80 | 3 | 1.1 | 278000 | 350000 | 1700 | 2400 | 7226BDB | |
| 130 | 230 | 80 | 3 | 1.1 | 310000 | 385000 | 1900 | 2600 | 7226ADF | |
| 130 | 230 | 80 | 3 | 1.1 | 278000 | 350000 | 1700 | 2400 | 7226BDF | |
| 130 | 230 | 80 | 3 | 1.1 | 310000 | 385000 | 1900 | 2600 | 7226ADT | |
| 130 | 230 | 80 | 3 | 1.1 | 278000 | 350000 | 1700 | 2400 | 7226BDT | |
| 130 | 280 | 116 | 4 | 1.5 | 445000 | 585000 | 1700 | 2200 | 7326ADB | |
| 130 | 280 | 116 | 4 | 1.5 | 405000 | 535000 | 1500 | 2000 | 7326BDB | |
| 130 | 280 | 116 | 4 | 1.5 | 445000 | 585000 | 1700 | 2200 | 7326ADF | |
| 130 | 280 | 116 | 4 | 1.5 | 405000 | 535000 | 1500 | 2000 | 7326BDF | |
| 130 | 280 | 116 | 4 | 1.5 | 445000 | 585000 | 1700 | 2200 | 7326ADT | |
| 130 | 280 | 116 | 4 | 1.5 | 405000 | 535000 | 1500 | 2000 | 7326BDT | |
| 140 | 190 | 48 | 1.5 | 1 | 122000 | 180000 | 3200 | 4500 | 7928A5DB | |
| 140 | 190 | 48 | 1.5 | 1 | 129000 | 191000 | 3800 | 5300 | 7928CDB | |
| 140 | 190 | 48 | 1.5 | 1 | 122000 | 180000 | 3200 | 4500 | 7928A5DF | |
| 140 | 190 | 48 | 1.5 | 1 | 129000 | 191000 | 3800 | 5300 | 7928CDF | |
| 140 | 190 | 48 | 1.5 | 1 | 122000 | 180000 | 3200 | 4500 | 7928A5DT | |
| 140 | 190 | 48 | 1.5 | 1 | 129000 | 191000 | 3800 | 5300 | 7928CDT | |
| 140 | 210 | 66 | 2 | 1 | 194000 | 265000 | 2600 | 3400 | 7028ADB | |
| 140 | 210 | 66 | 2 | 1 | 194000 | 265000 | 2600 | 3400 | 7028ADF | |
| 140 | 210 | 66 | 2 | 1 | 194000 | 265000 | 2600 | 3400 | 7028ADT | |
| 140 | 250 | 84 | 3 | 1.1 | 355000 | 470000 | 1800 | 2400 | 7228ADB | |
| 140 | 250 | 84 | 3 | 1.1 | 320000 | 425000 | 1600 | 2200 | 7228BDB | |
| 140 | 250 | 84 | 3 | 1.1 | 355000 | 470000 | 1800 | 2400 | 7228ADF | |

| Boundary Dimensions (mm) | | | | | Basic Load Ratings (N) | | Limiting Speeds (min ⁻¹) | | Bearing Numbers | NSKHPS |
|-----------------------------|----------|-----------|------------------|-------------------|---------------------------|-----------------------|---|------|--------------------|--------|
| <i>d</i> | <i>D</i> | <i>2B</i> | <i>r</i> min. | <i>r1</i> min. | <i>C_r</i> | <i>C_{0r}</i> | Grease | Oil | | |
| 140 | 250 | 84 | 3 | 1.1 | 320000 | 425000 | 1600 | 2200 | 7228BDF | |
| 140 | 250 | 84 | 3 | 1.1 | 355000 | 470000 | 1800 | 2400 | 7228ADT | |
| 140 | 250 | 84 | 3 | 1.1 | 320000 | 425000 | 1600 | 2200 | 7228BDT | |
| 140 | 300 | 124 | 4 | 1.5 | 490000 | 670000 | 1600 | 2000 | 7328ADB | |
| 140 | 300 | 124 | 4 | 1.5 | 445000 | 615000 | 1400 | 1900 | 7328BDB | |
| 140 | 300 | 124 | 4 | 1.5 | 490000 | 670000 | 1600 | 2000 | 7328ADF | |
| 140 | 300 | 124 | 4 | 1.5 | 445000 | 615000 | 1400 | 1900 | 7328BDF | |
| 140 | 300 | 124 | 4 | 1.5 | 490000 | 670000 | 1600 | 2000 | 7328ADT | |
| 140 | 300 | 124 | 4 | 1.5 | 445000 | 615000 | 1400 | 1900 | 7328BDT | |
| 150 | 210 | 56 | 2 | 1 | 157000 | 231000 | 3000 | 4000 | 7930A5DB | |
| 150 | 210 | 56 | 2 | 1 | 166000 | 244000 | 3600 | 4800 | 7930CDB | |
| 150 | 210 | 56 | 2 | 1 | 157000 | 231000 | 3000 | 4000 | 7930A5DF | |
| 150 | 210 | 56 | 2 | 1 | 166000 | 244000 | 3600 | 4800 | 7930CDF | |
| 150 | 210 | 56 | 2 | 1 | 157000 | 231000 | 3000 | 4000 | 7930A5DT | |
| 150 | 210 | 56 | 2 | 1 | 166000 | 244000 | 3600 | 4800 | 7930CDT | |
| 150 | 225 | 70 | 2.1 | 1.1 | 222000 | 305000 | 1900 | 2400 | 7030ADB | |
| 150 | 225 | 70 | 2.1 | 1.1 | 222000 | 305000 | 1900 | 2400 | 7030ADF | |
| 150 | 225 | 70 | 2.1 | 1.1 | 222000 | 305000 | 1900 | 2400 | 7030ADT | |
| 150 | 270 | 90 | 3 | 1.1 | 405000 | 560000 | 1600 | 2200 | 7230ADB | |
| 150 | 270 | 90 | 3 | 1.1 | 365000 | 510000 | 1500 | 2000 | 7230BDB | |
| 150 | 270 | 90 | 3 | 1.1 | 405000 | 560000 | 1600 | 2200 | 7230ADF | |
| 150 | 270 | 90 | 3 | 1.1 | 365000 | 510000 | 1500 | 2000 | 7230BDF | |
| 150 | 270 | 90 | 3 | 1.1 | 405000 | 560000 | 1600 | 2200 | 7230ADT | |
| 150 | 270 | 90 | 3 | 1.1 | 365000 | 510000 | 1500 | 2000 | 7230BDT | |
| 150 | 320 | 130 | 4 | 1.5 | 515000 | 745000 | 1500 | 1900 | 7330ADB | |
| 150 | 320 | 130 | 4 | 1.5 | 470000 | 680000 | 1300 | 1800 | 7330BDB | |
| 150 | 320 | 130 | 4 | 1.5 | 515000 | 745000 | 1500 | 1900 | 7330ADF | |
| 150 | 320 | 130 | 4 | 1.5 | 470000 | 680000 | 1300 | 1800 | 7330BDF | |
| 150 | 320 | 130 | 4 | 1.5 | 515000 | 745000 | 1500 | 1900 | 7330ADT | |
| 150 | 320 | 130 | 4 | 1.5 | 470000 | 680000 | 1300 | 1800 | 7330BDT | |
| 160 | 220 | 56 | 2 | 1 | 173000 | 265000 | 3000 | 4000 | 7932CDB | |
| 160 | 220 | 56 | 2 | 1 | 173000 | 265000 | 3000 | 4000 | 7932CDF | |
| 160 | 220 | 56 | 2 | 1 | 173000 | 265000 | 3000 | 4000 | 7932CDT | |
| 160 | 240 | 76 | 2.1 | 1.1 | 252000 | 355000 | 1700 | 2400 | 7032ADB | |
| 160 | 240 | 76 | 2.1 | 1.1 | 252000 | 355000 | 1700 | 2400 | 7032ADF | |
| 160 | 240 | 76 | 2.1 | 1.1 | 252000 | 355000 | 1700 | 2400 | 7032ADT | |
| 160 | 290 | 96 | 3 | 1.1 | 425000 | 615000 | 1500 | 2000 | 7232ADB | |
| 160 | 290 | 96 | 3 | 1.1 | 385000 | 555000 | 1400 | 1900 | 7232BDB | |
| 160 | 290 | 96 | 3 | 1.1 | 425000 | 615000 | 1500 | 2000 | 7232ADF | |
| 160 | 290 | 96 | 3 | 1.1 | 385000 | 555000 | 1400 | 1900 | 7232BDF | |
| 160 | 290 | 96 | 3 | 1.1 | 425000 | 615000 | 1500 | 2000 | 7232ADT | |
| 160 | 290 | 96 | 3 | 1.1 | 385000 | 555000 | 1400 | 1900 | 7232BDT | |
| 160 | 340 | 136 | 4 | 1.5 | 565000 | 845000 | 1400 | 1800 | 7332ADB | |
| 160 | 340 | 136 | 4 | 1.5 | 515000 | 770000 | 1200 | 1700 | 7332BDB | |
| 160 | 340 | 136 | 4 | 1.5 | 565000 | 845000 | 1400 | 1800 | 7332ADF | |

| Boundary Dimensions (mm) | | | | | Basic Load Ratings (N) | | Limiting Speeds (min ⁻¹) | | Bearing Numbers | NSKHPS |
|-----------------------------|----------|-----------|------------------|-------------------|---------------------------|-----------------------|---|------|--------------------|--------|
| <i>d</i> | <i>D</i> | <i>2B</i> | <i>r</i> min. | <i>r1</i> min. | <i>C_r</i> | <i>C_{0r}</i> | Grease | Oil | | |
| 160 | 340 | 136 | 4 | 1.5 | 515000 | 770000 | 1200 | 1700 | 7332BDF | |
| 160 | 340 | 136 | 4 | 1.5 | 565000 | 845000 | 1400 | 1800 | 7332ADT | |
| 160 | 340 | 136 | 4 | 1.5 | 515000 | 770000 | 1200 | 1700 | 7332BDT | |
| 170 | 230 | 56 | 2 | 1 | 183000 | 297000 | 2800 | 3800 | 7934CDB | |
| 170 | 230 | 56 | 2 | 1 | 183000 | 297000 | 2800 | 3800 | 7934CDF | |
| 170 | 230 | 56 | 2 | 1 | 183000 | 297000 | 2800 | 3800 | 7934CDT | |
| 170 | 260 | 84 | 2.1 | 1.1 | 300000 | 430000 | 1600 | 2200 | 7034ADB | |
| 170 | 260 | 84 | 2.1 | 1.1 | 300000 | 430000 | 1600 | 2200 | 7034ADF | |
| 170 | 260 | 84 | 2.1 | 1.1 | 300000 | 430000 | 1600 | 2200 | 7034ADT | |
| 170 | 310 | 104 | 4 | 1.5 | 480000 | 715000 | 1400 | 1900 | 7234ADB | |
| 170 | 310 | 104 | 4 | 1.5 | 435000 | 650000 | 1300 | 1700 | 7234BDB | |
| 170 | 310 | 104 | 4 | 1.5 | 480000 | 715000 | 1400 | 1900 | 7234ADF | |
| 170 | 310 | 104 | 4 | 1.5 | 435000 | 650000 | 1300 | 1700 | 7234BDF | |
| 170 | 310 | 104 | 4 | 1.5 | 480000 | 715000 | 1400 | 1900 | 7234ADT | |
| 170 | 310 | 104 | 4 | 1.5 | 435000 | 650000 | 1300 | 1700 | 7234BDT | |
| 170 | 360 | 144 | 4 | 1.5 | 630000 | 970000 | 1300 | 1700 | 7334ADB | |
| 170 | 360 | 144 | 4 | 1.5 | 575000 | 890000 | 1100 | 1600 | 7334BDB | |
| 170 | 360 | 144 | 4 | 1.5 | 630000 | 970000 | 1300 | 1700 | 7334ADF | |
| 170 | 360 | 144 | 4 | 1.5 | 575000 | 890000 | 1100 | 1600 | 7334BDF | |
| 170 | 360 | 144 | 4 | 1.5 | 630000 | 970000 | 1300 | 1700 | 7334ADT | |
| 170 | 360 | 144 | 4 | 1.5 | 575000 | 890000 | 1100 | 1600 | 7334BDT | |
| 180 | 250 | 66 | 2 | 1 | 236000 | 370000 | 2600 | 3600 | 7936CDB | |
| 180 | 250 | 66 | 2 | 1 | 236000 | 370000 | 2600 | 3600 | 7936CDF | |
| 180 | 250 | 66 | 2 | 1 | 236000 | 370000 | 2600 | 3600 | 7936CDT | |
| 180 | 280 | 92 | 2.1 | 1.1 | 335000 | 505000 | 1500 | 2000 | 7036ADB | |
| 180 | 280 | 92 | 2.1 | 1.1 | 335000 | 505000 | 1500 | 2000 | 7036ADF | |
| 180 | 280 | 92 | 2.1 | 1.1 | 335000 | 505000 | 1500 | 2000 | 7036ADT | |
| 180 | 320 | 104 | 4 | 1.5 | 495000 | 770000 | 1400 | 1800 | 7236ADB | |
| 180 | 320 | 104 | 4 | 1.5 | 450000 | 700000 | 1200 | 1700 | 7236BDB | |
| 180 | 320 | 104 | 4 | 1.5 | 495000 | 770000 | 1400 | 1800 | 7236ADF | |
| 180 | 320 | 104 | 4 | 1.5 | 450000 | 700000 | 1200 | 1700 | 7236BDF | |
| 180 | 320 | 104 | 4 | 1.5 | 495000 | 770000 | 1400 | 1800 | 7236ADT | |
| 180 | 320 | 104 | 4 | 1.5 | 450000 | 700000 | 1200 | 1700 | 7236BDT | |
| 180 | 380 | 150 | 4 | 1.5 | 665000 | 1070000 | 1200 | 1600 | 7336ADB | |
| 180 | 380 | 150 | 4 | 1.5 | 605000 | 975000 | 1100 | 1500 | 7336BDB | |
| 180 | 380 | 150 | 4 | 1.5 | 665000 | 1070000 | 1200 | 1600 | 7336ADF | |
| 180 | 380 | 150 | 4 | 1.5 | 605000 | 975000 | 1100 | 1500 | 7336BDF | |
| 180 | 380 | 150 | 4 | 1.5 | 665000 | 1070000 | 1200 | 1600 | 7336ADT | |
| 180 | 380 | 150 | 4 | 1.5 | 605000 | 975000 | 1100 | 1500 | 7336BDT | |
| 190 | 260 | 66 | 2 | 1 | 239000 | 385000 | 2400 | 3400 | 7938CDB | |
| 190 | 260 | 66 | 2 | 1 | 239000 | 385000 | 2400 | 3400 | 7938CDF | |
| 190 | 260 | 66 | 2 | 1 | 239000 | 385000 | 2400 | 3400 | 7938CDT | |
| 190 | 290 | 92 | 2.1 | 1.1 | 365000 | 560000 | 1400 | 1900 | 7038ADB | |
| 190 | 290 | 92 | 2.1 | 1.1 | 365000 | 560000 | 1400 | 1900 | 7038ADF | |
| 190 | 290 | 92 | 2.1 | 1.1 | 365000 | 560000 | 1400 | 1900 | 7038ADT | |

| Boundary Dimensions (mm) | | | | | Basic Load Ratings (N) | | Limiting Speeds (min ⁻¹) | | Bearing Numbers | NSKHPS |
|-----------------------------|----------|-----------|------------------|-------------------|---------------------------|-----------------------|---|------|--------------------|--------|
| <i>d</i> | <i>D</i> | <i>2B</i> | <i>r</i> min. | <i>r1</i> min. | <i>C_r</i> | <i>C_{0r}</i> | Grease | Oil | | |
| 190 | 340 | 110 | 4 | 1.5 | 510000 | 825000 | 1300 | 1700 | 7238ADB | |
| 190 | 340 | 110 | 4 | 1.5 | 460000 | 750000 | 1100 | 1600 | 7238BDB | |
| 190 | 340 | 110 | 4 | 1.5 | 510000 | 825000 | 1300 | 1700 | 7238ADF | |
| 190 | 340 | 110 | 4 | 1.5 | 460000 | 750000 | 1100 | 1600 | 7238BDF | |
| 190 | 340 | 110 | 4 | 1.5 | 510000 | 825000 | 1300 | 1700 | 7238ADT | |
| 190 | 340 | 110 | 4 | 1.5 | 460000 | 750000 | 1100 | 1600 | 7238BDT | |
| 190 | 400 | 156 | 5 | 2 | 730000 | 1200000 | 1100 | 1500 | 7338ADB | |
| 190 | 400 | 156 | 5 | 2 | 670000 | 1100000 | 1000 | 1400 | 7338BDB | |
| 190 | 400 | 156 | 5 | 2 | 730000 | 1200000 | 1100 | 1500 | 7338ADF | |
| 190 | 400 | 156 | 5 | 2 | 670000 | 1100000 | 1000 | 1400 | 7338BDF | |
| 190 | 400 | 156 | 5 | 2 | 730000 | 1200000 | 1100 | 1500 | 7338ADT | |
| 190 | 400 | 156 | 5 | 2 | 670000 | 1100000 | 1000 | 1400 | 7338BDT | |
| 200 | 280 | 76 | 2.1 | 1.1 | 305000 | 490000 | 2200 | 3200 | 7940CDB | |
| 200 | 280 | 76 | 2.1 | 1.1 | 305000 | 490000 | 2200 | 3200 | 7940CDF | |
| 200 | 280 | 76 | 2.1 | 1.1 | 305000 | 490000 | 2200 | 3200 | 7940CDT | |
| 200 | 310 | 102 | 2.1 | 1.1 | 390000 | 620000 | 1300 | 1800 | 7040ADB | |
| 200 | 310 | 102 | 2.1 | 1.1 | 390000 | 620000 | 1300 | 1800 | 7040ADF | |
| 200 | 310 | 102 | 2.1 | 1.1 | 390000 | 620000 | 1300 | 1800 | 7040ADT | |
| 200 | 360 | 116 | 4 | 1.5 | 550000 | 900000 | 1200 | 1600 | 7240ADB | |
| 200 | 360 | 116 | 4 | 1.5 | 495000 | 815000 | 1100 | 1500 | 7240BDB | |
| 200 | 360 | 116 | 4 | 1.5 | 550000 | 900000 | 1200 | 1600 | 7240ADF | |
| 200 | 360 | 116 | 4 | 1.5 | 495000 | 815000 | 1100 | 1500 | 7240BDF | |
| 200 | 360 | 116 | 4 | 1.5 | 550000 | 900000 | 1200 | 1600 | 7240ADT | |
| 200 | 360 | 116 | 4 | 1.5 | 495000 | 815000 | 1100 | 1500 | 7240BDT | |
| 200 | 420 | 160 | 5 | 2 | 770000 | 1320000 | 1100 | 1400 | 7340ADB | |
| 200 | 420 | 160 | 5 | 2 | 700000 | 1200000 | 950 | 1300 | 7340BDB | |
| 200 | 420 | 160 | 5 | 2 | 770000 | 1320000 | 1100 | 1400 | 7340ADF | |
| 200 | 420 | 160 | 5 | 2 | 700000 | 1200000 | 950 | 1300 | 7340BDF | |
| 200 | 420 | 160 | 5 | 2 | 770000 | 1320000 | 1100 | 1400 | 7340ADT | |
| 200 | 420 | 160 | 5 | 2 | 700000 | 1200000 | 950 | 1300 | 7340BDT | |