

# AXK Series

| Shaft<br>Diameter<br>/mm | Bearing<br>Designation | Weight<br>Mass /g | Basic Dimensions<br>/mm |     |   | Basic Load Rating /N |            | Limiting<br>Speed<br>/rpm<br><br>Oil |
|--------------------------|------------------------|-------------------|-------------------------|-----|---|----------------------|------------|--------------------------------------|
|                          |                        |                   | d                       | D   | B | Cr<br>Dynamic        | Cor Static |                                      |
|                          |                        |                   |                         |     |   |                      |            |                                      |
| 8                        | AXK0821TN              | 2                 | 8                       | 21  | 2 | 7750                 | 19000      | 15000                                |
| 10                       | AXK1024                | 3                 | 10                      | 24  | 2 | 9150                 | 24500      | 14000                                |
| 12                       | AXK1226                | 3                 | 12                      | 26  | 2 | 9860                 | 28600      | 13000                                |
| 15                       | AXK1528                | 4                 | 15                      | 28  | 2 | 11200                | 35500      | 11000                                |
| 17                       | AXK1730                | 4                 | 17                      | 30  | 2 | 11800                | 38600      | 10000                                |
| 20                       | AXK2035                | 5                 | 20                      | 35  | 2 | 12900                | 45600      | 8500                                 |
| 25                       | AXK2542                | 7                 | 25                      | 42  | 2 | 13800                | 57800      | 7000                                 |
| 30                       | AXK3047                | 8                 | 30                      | 47  | 2 | 15600                | 69500      | 6000                                 |
| 35                       | AXK3552                | 10                | 35                      | 52  | 2 | 16900                | 80100      | 5500                                 |
| 40                       | AXK4060                | 16                | 40                      | 60  | 3 | 27500                | 113500     | 4700                                 |
| 45                       | AXK4565                | 18                | 45                      | 65  | 3 | 29050                | 127600     | 4300                                 |
| 50                       | AXK5070                | 20                | 50                      | 70  | 3 | 31500                | 138000     | 3900                                 |
| 55                       | AXK5578                | 28                | 55                      | 78  | 3 | 37400                | 185000     | 3500                                 |
| 60                       | AXK6085                | 33                | 60                      | 85  | 3 | 43900                | 232500     | 3200                                 |
| 65                       | AXK6590                | 35                | 65                      | 90  | 3 | 45800                | 254600     | 3000                                 |
| 70                       | AXK7095                | 60                | 70                      | 95  | 4 | 53600                | 254400     | 2900                                 |
| 75                       | AXK75100               | 61                | 75                      | 100 | 4 | 54500                | 264600     | 2700                                 |
| 80                       | AXK80105               | 62                | 80                      | 105 | 4 | 55600                | 278500     | 2600                                 |
| 85                       | AXK85110               | 67                | 85                      | 110 | 4 | 57500                | 288000     | 2400                                 |
| 90                       | AXK90120               | 86                | 90                      | 120 | 4 | 72500                | 401000     | 2300                                 |
| 100                      | AXK100135              | 104               | 100                     | 135 | 4 | 90500                | 559500     | 2000                                 |
| 110                      | AXK110145              | 122               | 110                     | 145 | 4 | 96500                | 617500     | 1900                                 |
| 120                      | AXK120155              | 131               | 120                     | 155 | 4 | 101500               | 679600     | 1700                                 |
| 130                      | AXK130170              | 205               | 130                     | 170 | 5 | 132400               | 838900     | 1600                                 |
| 140                      | AXK140180              | 219               | 140                     | 180 | 5 | 137200               | 899600     | 1500                                 |

# AXK Series

|     |           |     |     |     |   |        |         |      |
|-----|-----------|-----|-----|-----|---|--------|---------|------|
| 150 | AXK150190 | 232 | 150 | 190 | 5 | 142800 | 959000  | 1400 |
| 160 | AXK160200 | 246 | 160 | 200 | 5 | 147600 | 1015000 | 1300 |