

**DEEP GROOVE BALL BEARING  
METRIC SERIES 6000**

| BEARING<br>NUMBER | BORE - d |        | O.D. - D |        | WIDTH - B |        | RADIUS - r |       | BALL - SIZE |        |       |
|-------------------|----------|--------|----------|--------|-----------|--------|------------|-------|-------------|--------|-------|
|                   | mm       | inch   | mm       | inch   | mm        | inch   | mm         | inch  | NO.         | mm     | inch  |
| 6000              | 10       | 0.3937 | 26       | 1.0236 | 8         | 0.3150 | 0.30       | 0.012 | 7           | 4.762  | 3/16  |
| 6001              | 12       | 0.4724 | 28       | 1.1024 | 8         | 0.3150 | 0.30       | 0.012 | 8           | 4.762  | 3/16  |
| 6002              | 15       | 0.5906 | 32       | 1.2598 | 9         | 0.3543 | 0.30       | 0.012 | 9           | 4.762  | 3/16  |
| 6003              | 17       | 0.6693 | 35       | 1.3780 | 10        | 0.3937 | 0.30       | 0.012 | 10          | 4.762  | 3/16  |
| 6004              | 20       | 0.7874 | 42       | 1.6535 | 12        | 0.4724 | 0.60       | 0.025 | 9           | 6.350  | 1/4   |
| 6005              | 25       | 0.9843 | 47       | 1.8504 | 12        | 0.4724 | 0.60       | 0.025 | 10          | 6.350  | 1/4   |
| 6006              | 30       | 1.1811 | 55       | 2.1654 | 13        | 0.5118 | 1.00       | 0.040 | 11          | 7.144  | 9/32  |
| 6007              | 35       | 1.3780 | 62       | 2.4409 | 14        | 0.5512 | 1.00       | 0.040 | 11          | 7.938  | 5/16  |
| 6008              | 40       | 1.5748 | 68       | 2.6772 | 15        | 0.5906 | 1.00       | 0.040 | 12          | 7.938  | 5/16  |
| 6009              | 45       | 1.7717 | 75       | 2.9528 | 16        | 0.6299 | 1.00       | 0.040 | 13          | 8.731  | 11/32 |
| 6010              | 50       | 1.9685 | 80       | 3.1496 | 16        | 0.6299 | 1.00       | 0.040 | 14          | 8.731  | 11/32 |
| 6011              | 55       | 2.1654 | 90       | 3.5433 | 18        | 0.7087 | 1.00       | 0.040 | 13          | 10.319 | 13/32 |
| 6012              | 60       | 2.3622 | 95       | 3.7402 | 18        | 0.7087 | 1.00       | 0.040 | 13          | 11.112 | 7/16  |
| 6013              | 65       | 2.5591 | 100      | 3.9370 | 18        | 0.7087 | 1.00       | 0.040 | 14          | 11.112 | 7/16  |
| 6014              | 70       | 2.7559 | 110      | 4.3307 | 20        | 0.7874 | 1.00       | 0.040 | 13          | 12.700 | 1/2   |
| 6015              | 75       | 2.9528 | 115      | 4.5276 | 20        | 0.7874 | 1.00       | 0.040 | 14          | 12.700 | 1/2   |
| 6016              | 80       | 3.1496 | 125      | 4.9213 | 22        | 0.8661 | 1.00       | 0.040 | 14          | 13.494 | 17/32 |
| 6017              | 85       | 3.3465 | 130      | 5.1181 | 22        | 0.8661 | 1.00       | 0.040 | 14          | 13.494 | 17/32 |
| 6018              | 90       | 3.5433 | 140      | 5.5118 | 24        | 0.9449 | 1.50       | 0.060 | 14          | 15.081 | 19/32 |
| 6019              | 95       | 3.7402 | 145      | 5.7087 | 24        | 0.9449 | 1.50       | 0.060 | 14          | 15.081 | 19/32 |
| 6020              | 100      | 3.9370 | 150      | 5.9055 | 24        | 0.9449 | 1.50       | 0.060 | 15          | 15.081 | 19/32 |
| 6021              | 105      | 4.1339 | 160      | 6.2992 | 26        | 1.0236 | 2.00       | 0.080 | 15          | 15.875 | 5/8   |
| 6022              | 110      | 4.3308 | 170      | 6.6929 | 28        | 1.1024 | 2.00       | 0.080 | 14          | 18.256 | 23/32 |

Ball complements and manufacturing process can be changed without notice.