

Dimensions and Capacities

| Type | Model | Torque | Max. Overrunning Speed | | Drag Torque (Nm) | Diameter(mm) | | | | | Weight (kg) | Bearing | |
|--------------------------|----------|--------|------------------------|------------|------------------|--------------|----|----|-------|-----|-------------|---------|-------|
| | | Nm | Inner Race | Outer Race | | A | B | C | D | r | | Cr | Cor |
| BB BB-1K-K BB-2K-K | BB15 | 29 | 3600 | 2000 | 0.01 | 11 | 35 | 15 | 32.6 | 0.6 | 0.04 | 5950 | 3230 |
| | BB17 | 43 | 3500 | 1900 | 0.01 | 12 | 40 | 17 | 36.1 | 0.6 | 0.05 | 7000 | 3700 |
| | BB20 | 61 | 3000 | 1600 | 0.014 | 14 | 47 | 20 | 41.7 | 1 | 0.07 | 8500 | 4900 |
| | BB25 | 78 | 2500 | 1400 | 0.017 | 15 | 52 | 25 | 47.1 | 1 | 0.11 | 10700 | 6300 |
| | BB30 | 140 | 2000 | 1100 | 0.03 | 16 | 62 | 30 | 56.6 | 1 | 0.14 | 11900 | 7900 |
| | BB35 | 173 | 1800 | 1000 | 0.034 | 17 | 72 | 35 | 64 | 1.1 | 0.21 | 13500 | 9700 |
| | BB40 | 260 | 1800 | 900 | 0.04 | 22 | 80 | 40 | 71 | 1.1 | 0.3 | 14500 | 11700 |
| BB-2GD BB-2GD 1K-K | BB15-2GD | 29 | 3600 | 2000 | 0.04 | 16 | 35 | 15 | 32.45 | 0.6 | 0.04 | 5950 | 3230 |
| | BB17-2GD | 43 | 3500 | 1900 | 0.05 | 17 | 40 | 17 | 36.45 | 0.6 | 0.05 | 7000 | 3700 |
| | BB20-2GD | 61 | 3000 | 1600 | 0.055 | 19 | 47 | 20 | 42.35 | 1 | 0.07 | 8500 | 4900 |
| | BB25-2GD | 78 | 2500 | 1400 | 0.055 | 20 | 52 | 25 | 47.05 | 1 | 0.11 | 10700 | 6300 |
| | BB30-2GD | 140 | 2000 | 1100 | 0.058 | 21 | 62 | 30 | 55.6 | 1 | 0.14 | 11900 | 7900 |
| | BB35-2GD | 173 | 1800 | 1000 | 0.06 | 22 | 72 | 35 | 64.6 | 1.1 | 0.21 | 13500 | 9700 |
| | BB40-2GD | 260 | 1800 | 900 | 0.08 | 27 | 80 | 40 | 71.6 | 1.1 | 0.3 | 14500 | 11700 |

Note: Model No. marked on the inner race is only "K" for both "1K" and "2K". (Example: the mark "BB25-K" for both BB25-1K and BB25-2K)

Tolerance for Shaft and Housing

| Model | | Shaft Dia. | Housing Dia. |
|-------|----------|----------------|----------------|
| BB15 | BB15-2GD | 15+0.023+0.012 | 35-0.012-0.028 |
| BB17 | BB17-2GD | 17+0.023+0.012 | 40-0.012-0.028 |
| BB20 | BB20-2GD | 20+0.028+0.015 | 47-0.012-0.028 |
| BB25 | BB25-2GD | 25+0.028+0.015 | 52-0.014-0.033 |
| BB30 | BB30-2GD | 30+0.028+0.015 | 62-0.014-0.033 |
| BB35 | BB35-2GD | 35+0.033+0.017 | 72-0.014-0.033 |
| BB40 | BB40-2GD | 40+0.033+0.017 | 80-0.014-0.033 |