

# Thrust Ball Bearing

## DATA TABLE - SINGLE ACTING



| Part<br>number | Principal dimensions |     |     | Basic load ratings |        |         | Speed limits        |      | Weight | Dimensions |     |     |        |
|----------------|----------------------|-----|-----|--------------------|--------|---------|---------------------|------|--------|------------|-----|-----|--------|
|                | d                    | D   | H   | Dynamic            | Static | Fatigue | Grease              | Oil  |        | rs min     | D1  | d1  | M      |
|                |                      |     |     | Cr                 | Cor    | Pu      | rpm                 |      |        |            |     |     |        |
|                | mm                   |     |     | kN                 |        |         | 1 min <sup>-1</sup> |      | mm     |            |     |     |        |
| 51114          | 70                   | 95  | 18  | 40,8               | 115,0  | 5,23    | 2200                | 3400 | 0,33   | 1,5        | 72  | 95  | 0,067  |
| 51214          | 70                   | 105 | 27  | 73,5               | 188,0  | 8,55    | 1600                | 2400 | 0,75   | 1,0        | 72  | 105 | 0,160  |
| 51314          | 70                   | 125 | 40  | 148,0              | 340,0  | 15,45   | 1200                | 1800 | 1,98   | 1,1        | 72  | 125 | 0,530  |
| 51115          | 75                   | 100 | 19  | 48,2               | 140,0  | 6,36    | 2000                | 3200 | 0,38   | 1,0        | 77  | 100 | 0,095  |
| 51215          | 75                   | 110 | 27  | 74,8               | 198,0  | 9,00    | 1500                | 2200 | 0,82   | 1,0        | 77  | 110 | 0,180  |
| 51315          | 75                   | 135 | 44  | 162,0              | 380,0  | 16,86   | 1100                | 1700 | 2,58   | 1,5        | 77  | 135 | 0,750  |
| 51116          | 80                   | 105 | 19  | 48,5               | 145,0  | 6,59    | 1900                | 3000 | 0,40   | 1,0        | 82  | 105 | 0,100  |
| 51216          | 80                   | 115 | 28  | 83,8               | 222,0  | 10,09   | 1400                | 2000 | 0,90   | 1,0        | 82  | 115 | 0,220  |
| 51316          | 80                   | 140 | 44  | 160,0              | 380,0  | 16,47   | 1000                | 1600 | 2,69   | 1,5        | 82  | 140 | 0,800  |
| 51117          | 85                   | 110 | 19  | 49,2               | 150,0  | 6,82    | 1800                | 2800 | 0,42   | 1,0        | 87  | 110 | 0,120  |
| 51217          | 85                   | 125 | 31  | 102,0              | 280,0  | 12,42   | 1300                | 1900 | 1,21   | 1,0        | 88  | 125 | 0,180  |
| 51317          | 85                   | 150 | 49  | 208,0              | 495,0  | 20,76   | 950                 | 1500 | 3,47   | 1,5        | 88  | 150 | 1,100  |
| 51118          | 90                   | 120 | 22  | 65,0               | 200,0  | 8,87    | 1700                | 2600 | 0,65   | 1,0        | 92  | 120 | 0,190  |
| 51218          | 90                   | 135 | 35  | 115,0              | 315,0  | 13,50   | 1200                | 1800 | 1,65   | 1,1        | 93  | 135 | 0,530  |
| 51318          | 90                   | 155 | 50  | 205,0              | 495,0  | 20,33   | 900                 | 1400 | 3,69   | 1,5        | 93  | 155 | 1,200  |
| 51120          | 100                  | 135 | 25  | 85,0               | 268,0  | 11,24   | 1600                | 2400 | 0,95   | 1,0        | 102 | 135 | 0,360  |
| 51220          | 100                  | 150 | 38  | 132,0              | 375,0  | 15,25   | 1100                | 1700 | 2,21   | 1,1        | 103 | 150 | 0,670  |
| 51320 M        | 100                  | 170 | 55  | 235,0              | 595,0  | 23,28   | 800                 | 1200 | 4,86   | 1,5        | 103 | 170 | 1,800  |
| 51122 M        | 110                  | 145 | 25  | 87,0               | 288    | 11,59   | 2500                | 2200 | 1,03   | 1,0        | 112 | 145 | 0,430  |
| 51222 M        | 110                  | 160 | 38  | 138,0              | 412    | 16,12   | 2000                | 1600 | 2,39   | 1,1        | 113 | 160 | 0,800  |
| 51224 M        | 120                  | 170 | 39  | 135,0              | 412    | 15,55   | 950                 | 1500 | 2,62   | 1,1        | 123 | 170 | 0,480  |
| 51324 M        | 120                  | 210 | 70  | 347,0              | 977    | 34,57   | 800                 | 1100 | 10,71  | 2,1        | 123 | 205 | 1,000  |
| 51126 M        | 130                  | 170 | 30  | 111,0              | 316    | 11,73   | 1400                | 1900 | 1,86   | 1,0        | 170 | 170 | 0,750  |
| 51226 M        | 130                  | 190 | 45  | 212,0              | 620    | 22,28   | 950                 | 1400 | 4,44   | 1,5        | 133 | 187 | 1,700  |
| 51128 M        | 140                  | 180 | 31  | 107,0              | 377    | 13,55   | 1300                | 1800 | 1,88   | 1          | 142 | 178 | 0,850  |
| 51228 M        | 140                  | 200 | 46  | 215,0              | 669    | 23,32   | 950                 | 1400 | 4,33   | 1,5        | 143 | 197 | 1,900  |
| 51130 M        | 150                  | 190 | 31  | 109,0              | 402    | 14,01   | 1200                | 1700 | 2,188  | 1          | 152 | 188 | 0,900  |
| 51230 M        | 150                  | 215 | 50  | 257,0              | 795    | 26,75   | 900                 | 1300 | 6,05   | 1,5        | 153 | 212 | 2,800  |
| 51330 M        | 150                  | 250 | 80  | 377,0              | 1200   | 38,57   | 670                 | 900  | 16,4   | 3          | 154 | 245 | 9,000  |
| 51430 M        | 150                  | 300 | 120 | 668,0              | 2242   | 67,94   | -                   | 650  | 42,00  | 4,0        | 154 | 295 | 20,000 |
| 51132 M        | 160                  | 200 | 31  | 112,0              | 427    | 14,47   | 1200                | 1700 | 2,2    | 1          | 162 | 198 | 1,000  |
| 51232 M        | 160                  | 225 | 51  | 247,0              | 803    | 26,31   | 850                 | 1200 | 6,5    | 1,5        | 163 | 222 | 3,200  |
| 51134 M        | 170                  | 215 | 34  | 134,0              | 512    | 16,77   | 1100                | 1600 | 2,96   | 1,1        | 172 | 213 | 1,400  |
| 51234 M        | 170                  | 240 | 55  | 269,0              | 874    | 27,75   | 800                 | 1100 | 6,56   | 1,5        | 173 | 237 | 4,500  |
| 51334 M        | 170                  | 280 | 87  | 463,0              | 1570   | 47,58   | 600                 | 800  | 22,1   | 3          | 174 | 275 | 13,000 |