

| Principal dimensions (mm) |     |    | Basic load ratings (kN) |         | Pu     | Speed ratings (rpm) |                | Weight (kg) | Designation    |             | Dimensions (mm) |                |      |      |                  |                  |                 | Abutment and fillet dimensions (mm) |                |     |      |                |                | Value | Angle rings |             |        |           |    |
|---------------------------|-----|----|-------------------------|---------|--------|---------------------|----------------|-------------|----------------|-------------|-----------------|----------------|------|------|------------------|------------------|-----------------|-------------------------------------|----------------|-----|------|----------------|----------------|-------|-------------|-------------|--------|-----------|----|
| 基本尺寸                      |     |    | 基本额定负荷                  |         | 疲劳负荷极限 | 额定转速                |                | 重量          | 型号             |             | 尺寸              |                |      |      |                  |                  |                 | 安装尺寸                                |                |     |      |                |                | 计算系数  | 角环          |             |        |           |    |
| d                         | D   | B  | dyc Cr                  | stc Cor |        | Speed Ratings       | Limiting Speed |             | Standard Cages | Other Cages | d               | d <sub>1</sub> | D1   | F,E  | r <sub>1,2</sub> | r <sub>3,4</sub> | s <sup>1)</sup> | d <sub>s</sub>                      | d <sub>s</sub> | Da  | Da   | r <sub>s</sub> | r <sub>s</sub> |       | kr          | Designation | Weight | Dimension |    |
|                           |     |    |                         |         |        |                     |                |             |                |             |                 |                |      |      | Min              | Min              |                 | Min                                 | Max            | Min | Max  | Max            | Max            |       |             | 型号          | 重量     | B1        | B2 |
| 15                        | 35  | 11 | 12.5                    | 10.2    | 1.22   | 22000               | 26000          | 0.049       | NJ202ECP       | -           | 15              | 21.9           | 27.9 | 19.3 | 0.6              | 0.3              | 1               | 18.5                                | 18.5           | 23  | 30.8 | 0.6            | 0.3            | 0.15  | -           | -           |        |           |    |
| 17                        | 40  | 12 | 17.2                    | 14.3    | 1.73   | 19000               | 22000          | 0.070       | NJ203ECP       | ML          | 17              | 25             | 32.4 | 22.1 | 0.6              | 0.3              | 1               | 21                                  | 21             | 27  | 35.8 | 0.6            | 0.3            | 0.15  | -           | -           |        |           |    |
| 17                        | 40  | 16 | 23.8                    | 21.6    | 2.65   | 19000               | 22000          | 0.095       | NJ2203ECP      | -           | 17              | 25             | 32.4 | 22.1 | 0.6              | 0.3              | 1.5             | 21                                  | 21             | 27  | 35.8 | 0.6            | 0.3            | 0.20  | -           | -           |        |           |    |
| 17                        | 47  | 14 | 24.6                    | 20.4    | 2.55   | 15000               | 20000          | 0.12        | NJ303ECP       | -           | 17              | 27.7           | 37   | 24.2 | 1                | 0.6              | 1               | 22.6                                | 23             | 29  | 41.4 | 1              | 0.6            | 0.15  | -           | -           |        |           |    |
| 20                        | 47  | 14 | 25.1                    | 25.2    | 2.75   | 16000               | 19000          | 0.11        | NJ204ECP       | ML          | 20              | 29.7           | 38.8 | 26.5 | 1                | 0.6              | 1               | 25                                  | 25             | 31  | 41.4 | 1              | 0.6            | 0.15  | -           | -           |        |           |    |
| 20                        | 47  | 18 | 29.7                    | 27.5    | 3.45   | 16000               | 19000          | 0.14        | NJ2204ECP      | -           | 20              | 29.7           | 38.8 | 26.5 | 1                | 0.6              | 2               | 25                                  | 25             | 31  | 41.4 | 1              | 0.6            | 0.20  | -           | -           |        |           |    |
| 20                        | 52  | 15 | 35.5                    | 26      | 3.25   | 15000               | 18000          | 0.17        | *NJ304ECP      | -           | 20              | 31.2           | 42.4 | 27.5 | 1.1              | 0.6              | 0.9             | 27                                  | 29             | 33  | 45   | 1              | 0.6            | 0.15  | HJ304EC     | 0.017       | 4      | 6.5       |    |
| 20                        | 52  | 21 | 47.5                    | 38      | 4.8    | 14000               | 18000          | 0.22        | *NJ2304ECP     | -           | 20              | 31.2           | 42.4 | 27.5 | 1.1              | 0.6              | 1.9             | 26                                  | 26             | 33  | 45   | 1              | 0.6            | 0.29  | -           | -           |        |           |    |
| 25                        | 52  | 15 | 28.6                    | 27      | 3.35   | 14000               | 16000          | 0.15        | NJ205ECP       | J.M.L       | 25              | 34.7           | 43.8 | 31.5 | 1                | 0.6              | 1.3             | 30                                  | 30             | 36  | 46.4 | 1              | 0.6            | 0.15  | HJ205EC     | 0.014       | 3      | 6         |    |
| 25                        | 52  | 18 | 34.1                    | 34      | 4.25   | 14000               | 16000          | 0.18        | NJ2205ECP      | ML          | 25              | 34.7           | 43.8 | 31.5 | 1                | 0.6              | 1.8             | 30                                  | 30             | 36  | 46.4 | 1              | 0.6            | 0.20  | HJ2205EC    | 0.014       | 3      | 6.5       |    |
| 25                        | 62  | 17 | 46.5                    | 36.5    | 4.55   | 12000               | 15000          | 0.29        | *NJ305ECP      | J.M.L       | 25              | 38.1           | 50.7 | 34   | 1.1              | 1.1              | 1.3             | 32                                  | 32             | 40  | 55   | 1              | 1              | 0.15  | HJ305EC     | 0.023       | 4      | 7         |    |
| 25                        | 62  | 24 | 64                      | 55      | 6.95   | 12000               | 15000          | 0.39        | *NJ2305ECP     | ML          | 25              | 38.1           | 50.7 | 34   | 1.1              | 1.1              | 2.3             | 32                                  | 32             | 40  | 55   | 1              | 1              | 0.25  | HJ2305EC    | 0.025       | 4      | 8         |    |
| 30                        | 62  | 16 | 44                      | 36.5    | 4.55   | 13000               | 14000          | 0.24        | *NJ206ECP      | J.M.L       | 30              | 41.2           | 52.5 | 37.5 | 1                | 0.6              | 1.3             | 35.6                                | 36             | 43  | 56.4 | 1              | 0.6            | 0.15  | HJ206EC     | 0.025       | 4      | 7         |    |
| 30                        | 62  | 20 | 55                      | 49      | 6.1    | 13000               | 14000          | 0.27        | *NJ2206ECP     | J.M.L       | 30              | 41.2           | 52.5 | 37.5 | 1                | 0.6              | 1.6             | 34                                  | 36             | 43  | 57   | 1              | 0.6            | 0.2   | -           | -           |        |           |    |
| 30                        | 72  | 19 | 58.5                    | 48      | 6.2    | 11000               | 12000          | 0.41        | *NJ306ECP      | J.M.M.L     | 30              | 45             | 58.9 | 40.5 | 1.1              | 1.1              | 1.4             | 37                                  | 39             | 47  | 65   | 1              | 1              | 0.15  | -           | -           |        |           |    |
| 30                        | 72  | 27 | 83                      | 75      | 9.65   | 11000               | 12000          | 0.54        | *NJ2306ECP     | ML          | 30              | 45             | 58.9 | 40.5 | 1.1              | 1.1              | 2.4             | 37                                  | 39             | 47  | 65   | 1              | 1              | 0.25  | -           | -           |        |           |    |
| 30                        | 90  | 23 | 60.5                    | 53      | 6.8    | 9000                | 11000          | 0.77        | NJ406          | -           | 30              | 50.5           | 66.6 | 45   | 1.5              | 1.5              | 1.6             | 41                                  | 43             | 47  | 79   | 1.5            | 1.5            | 0.15  | HJ406       | 0.080       | 7      | 11.5      |    |
| 35                        | 72  | 17 | 56                      | 48      | 6.1    | 11000               | 12000          | 0.33        | *NJ207ECP      | J.M.M.L     | 35              | 48.1           | 60.7 | 44   | 1.1              | 0.6              | 1.3             | 42                                  | 42             | 50  | 65   | 1              | 0.6            | 0.15  | HJ207EC     | 0.033       | 4      | 7         |    |
| 35                        | 72  | 23 | 69.5                    | 63      | 8.15   | 11000               | 12000          | 0.41        | *NJ2207ECP     | J.M.L       | 35              | 48.1           | 60.7 | 44   | 1.1              | 0.6              | 2.8             | 42                                  | 42             | 50  | 65   | 1              | 0.6            | 0.2   | -           | -           |        |           |    |
| 35                        | 80  | 21 | 75                      | 63      | 8.15   | 9500                | 11000          | 0.55        | *NJ307ECP      | J.M.M.L     | 35              | 51             | 66.3 | 46.2 | 1.5              | 1.1              | 1.2             | 44                                  | 44             | 53  | 71   | 1.5            | 1              | 0.15  | HJ307EC     | 0.058       | 6      | 9.5       |    |
| 35                        | 80  | 31 | 106                     | 98      | 12.7   | 9500                | 11000          | 0.73        | *NJ2307ECP     | -           | 35              | 51             | 66.3 | 46.2 | 1.5              | 1.1              | 2.7             | 44                                  | 44             | 53  | 71   | 1.5            | 1              | 0.25  | -           | -           |        |           |    |
| 35                        | 100 | 25 | 76.5                    | 69.5    | 9      | 8000                | 9500           | 1.05        | NJ407          | -           | 35              | 59             | 76.1 | 53   | 1.5              | 1.5              | 1.7             | 46                                  | 50             | 61  | 89   | 1.5            | 1.5            | 0.15  | -           | -           |        |           |    |
| 40                        | 80  | 18 | 62                      | 53      | 6.7    | 9500                | 11000          | 0.43        | *NJ208ECP      | J.M.M.L     | 40              | 54             | 67.9 | 49.5 | 1.1              | 1.1              | 1.4             | 47                                  | 48             | 56  | 73   | 1              | 1              | 0.15  | HJ208EC     | 0.047       | 5      | 8.5       |    |
| 40                        | 80  | 23 | 81.5                    | 75      | 9.65   | 9500                | 11000          | 0.55        | *NJ2208ECP     | J.M.L       | 40              | 54             | 67.9 | 49.5 | 1.1              | 1.1              | 1.9             | 47                                  | 48             | 56  | 73   | 1              | 1              | 0.2   | HJ2208EC    | 0.048       | 5      | 9         |    |
| 40                        | 90  | 23 | 93                      | 78      | 10.2   | 8000                | 9500           | 0.75        | *NJ308ECP      | J.M.M.L     | 40              | 57.5           | 75.6 | 52   | 1.5              | 1.5              | 1.4             | 49                                  | 50             | 60  | 81   | 1.5            | 1.5            | 0.15  | HJ308EC     | 0.084       | 7      | 11        |    |
| 40                        | 90  | 33 | 129                     | 120     | 15.3   | 8000                | 9500           | 0.96        | *NJ2308ECP     | J.M.M.L     | 40              | 57.5           | 75.6 | 52   | 1.5              | 1.5              | 2.9             | 49                                  | 50             | 60  | 81   | 1.5            | 1.5            | 0.25  | -           | -           |        |           |    |
| 40                        | 110 | 27 | 96.8                    | 90      | 11.6   | 7000                | 8500           | 1.35        | NJ408          | -           | 40              | 64.8           | 84.2 | 58   | 2                | 2                | 2.5             | 53                                  | 56             | 67  | 97   | 2              | 2              | 0.15  | -           | -           |        |           |    |
| 45                        | 85  | 19 | 69.5                    | 64      | 8.15   | 9000                | 9500           | 0.49        | *NJ209ECP      | J.M.M.L     | 45              | 59             | 73   | 54.5 | 1.1              | 1.1              | 1.2             | 52                                  | 53             | 61  | 78   | 1              | 1              | 0.15  | HJ209EC     | 0.052       | 5      | 8.5       |    |
| 45                        | 85  | 23 | 85                      | 81.5    | 10.6   | 9000                | 9500           | 0.54        | *NJ2209ECP     | J           | 45              | 59             | 73   | 54.5 | 1.1              | 1.1              | 1.7             | 52                                  | 53             | 56  | 78   | 1              | 1              | 0.2   | -           | -           |        |           |    |
| 45                        | 100 | 25 | 112                     | 100     | 12.9   | 7500                | 8500           | 1.05        | *NJ309ECP      | J.M.M.L     | 45              | 64.4           | 83.8 | 58.5 | 1.5              | 1.5              | 1.7             | 54                                  | 56             | 67  | 91   | 1.5            | 1.5            | 0.15  | HJ309EC     | 0.11        | 7      | 11.5      |    |
| 45                        | 100 | 36 | 160                     | 153     | 20     | 7500                | 8500           | 1.35        | *NJ2309ECP     | ML          | 45              | 64.4           | 83.8 | 58.5 | 1.5              | 1.5              | 3.2             | 54                                  | 56             | 67  | 91   | 1.5            | 1.5            | 0.25  | -           | -           |        |           |    |
| 45                        | 120 | 29 | 106                     | 102     | 13.4   | 6700                | 7500           | 1.70        | NJ409          | -           | 45              | 71.8           | 92.2 | 64.5 | 2                | 2                | 2.5             | 58                                  | 62             | 74  | 107  | 2              | 2              | 0.15  | HJ409       | 0.18        | 8      | 13.5      |    |
| 50                        | 90  | 20 | 73.5                    | 69.5    | 8.8    | 8500                | 9000           | 0.50        | *NJ210ECP      | J.M.M.L     | 50              | 64             | 78   | 59.5 | 1.1              | 1.1              | 1.5             | 57                                  | 57             | 66  | 83   | 1              | 1              | 0.15  | HJ210EC     | 0.058       | 5      | 9         |    |
| 50                        | 90  | 23 | 90                      | 88      | 11.4   | 8500                | 9000           | 0.59        | *NJ2210ECP     | J.M.M.L     | 50              | 64             | 78   | 59.5 | 1.1              | 1.1              | 1.5             | 57                                  | 57             | 66  | 83   | 1              | 1              | 0.2   | -           | -           |        |           |    |
| 50                        | 110 | 27 | 127                     | 112     | 15     | 6700                | 8000           | 1.15        | *NJ310ECP      | J.M.M.L     | 50              | 71.2           | 92.1 | 65   | 2                | 2                | 1.9             | 61                                  | 63             | 73  | 99   | 2              | 2              | 0.15  | HJ310EC     | 0.14        | 8      | 13        |    |
| 50                        | 110 | 40 | 186                     | 186     | 24.5   | 6700                | 8000           | 1.75        | *NJ2310ECP     | ML          | 50              | 71.2           | 92.1 | 65   | 2                | 2                | 3.4             | 61                                  | 63             | 73  | 99   | 2              | 2              | 0.25  | -           | -           |        |           |    |
| 50                        | 130 | 31 | 130                     | 127     | 16.6   | 6000                | 7000           | 2.05        | NJ410          | -           | 50              | 78.8           | 102  | 70.8 | 2.1              | 2.1              | 2.6             | 64                                  | 68             | 81  | 116  | 2              | 2              | 0.15  | -           | -           |        |           |    |
| 55                        | 100 | 21 | 96.5                    | 95      | 12.2   | 7500                | 8000           | 0.67        | *NJ211ECP      | J.M.M.L     | 55              | 70.8           | 86.3 | 66   | 1.5              | 1.1              | 1               | 64                                  | 64             | 73  | 91   | 1.5            | 1              | 0.15  | HJ211EC     | 0.083       | 6      | 9.5       |    |
| 55                        | 100 | 25 | 114                     | 118     | 15.3   | 7500                | 8000           | 0.81        | *NJ2211ECP     | J.M.M.L     | 55              | 70.8           | 86.3 | 66   | 1.5              | 1.1              | 1.5             | 64                                  | 64             | 73  | 91   | 1.5            | 1              | 0.2   | HJ2211EC    | 0.085       | 6      | 10        |    |
| 55                        | 120 | 29 | 156                     | 143     | 19.6   | 6000                | 7000           | 1.50        | *NJ311ECP      | J.M.M.L     | 55              | 77.5           | 101  | 70.5 | 2                | 2                | 2               | 66                                  | 68             | 80  | 109  | 2              | 2              | 0.15  | HJ311EC     | 0.19        | 9      | 14        |    |
| 55                        | 120 | 43 | 232                     | 232     | 30.5   | 6000                | 7000           | 2.30        | *NJ2311ECP     | ML          | 55              | 77.5           | 101  | 70.5 | 2                | 2                | 3.5             | 66                                  | 68             | 80  | 109  | 2              | 2              | 0.25  | HJ2311EC    | 0.19        | 9      | 15.5      |    |
| 55                        | 140 | 33 | 142                     | 140     | 18.6   | 5600                | 6300           | 2.55        | NJ411          | -           | 55              | 85.2           | 108  | 77.2 | 2.1              | 2.1              | 2.6             | 69                                  | 74             | 88  | 126  | 2              | 2              | 0.15  | -           | -           |        |           |    |
| 60                        | 110 | 22 | 108                     | 1       |        |                     |                |             |                |             |                 |                |      |      |                  |                  |                 |                                     |                |     |      |                |                |       |             |             |        |           |    |

|     |     |     |      |      |      |      |      |      |             |        |     |     |     |       |     |     |      |     |     |     |     |     |     |      |          |      |    |      |
|-----|-----|-----|------|------|------|------|------|------|-------------|--------|-----|-----|-----|-------|-----|-----|------|-----|-----|-----|-----|-----|-----|------|----------|------|----|------|
| 90  | 190 | 43  | 365  | 360  | 43   | 3800 | 4500 | 5.55 | *NJ318ECP   | J.M,ML | 90  | 124 | 162 | 113.5 | 3   | 3   | 2.5  | 104 | 110 | 127 | 176 | 2.5 | 2.5 | 0.15 | HJ318EC  | 0.60 | 12 | 18.5 |
| 90  | 190 | 64  | 500  | 540  | 65.5 | 3800 | 4500 | 8.15 | *NJ2318ECP  | J.M,ML | 90  | 124 | 162 | 113.5 | 3   | 3   | 6    | 104 | 110 | 127 | 176 | 2.5 | 2.5 | 0.25 | -        |      |    |      |
| 95  | 170 | 32  | 255  | 265  | 32.5 | 4300 | 4800 | 2.90 | *NJ219ECP   | J.M,ML | 95  | 120 | 149 | 112.5 | 2.1 | 2.1 | 1.7  | 107 | 110 | 123 | 158 | 2   | 2   | 0.15 | HJ219EC  | 0.33 | 9  | 14   |
| 95  | 170 | 43  | 325  | 375  | 45.5 | 4300 | 4800 | 3.95 | *NJ2219ECP  | J.M    | 95  | 120 | 149 | 112.5 | 2.1 | 2.1 | 3    | 107 | 110 | 123 | 158 | 2   | 2   | 0.2  | -        |      |    |      |
| 95  | 200 | 45  | 390  | 390  | 46.5 | 3600 | 4300 | 6.45 | *NJ319ECP   | J.M,ML | 95  | 132 | 170 | 121.5 | 3   | 3   | 2.9  | 109 | 118 | 135 | 186 | 2.5 | 2.5 | 0.15 | HJ319EC  | 0.76 | 13 | 20.5 |
| 95  | 200 | 67  | 530  | 585  | 69.5 | 3600 | 4300 | 9.85 | *NJ2319ECP  | J.M,ML | 95  | 132 | 170 | 121.5 | 3   | 3   | 6.9  | 109 | 118 | 135 | 186 | 2.5 | 2.5 | 0.25 | HJ2319EC | 0.81 | 13 | 24.5 |
| 100 | 180 | 34  | 285  | 305  | 36.5 | 4000 | 4500 | 3.50 | *NJ220ECP   | J.M,ML | 100 | 127 | 157 | 119   | 2.1 | 2.1 | 1.7  | 112 | 116 | 130 | 168 | 2   | 2   | 0.15 | HJ220EC  | 0.42 | 10 | 15   |
| 100 | 180 | 46  | 380  | 450  | 54   | 4000 | 4500 | 4.80 | *NJ220ECP   | J.M,ML | 100 | 127 | 157 | 119   | 2.1 | 2.1 | 2.5  | 112 | 116 | 130 | 168 | 2   | 2   | 0.2  | HJ220EC  | 0.43 | 10 | 16   |
| 100 | 215 | 47  | 450  | 440  | 51   | 3200 | 3800 | 7.65 | *NJ320ECP   | J.M,ML | 100 | 139 | 182 | 127.5 | 3   | 3   | 2.9  | 114 | 124 | 142 | 201 | 2.5 | 2.5 | 0.15 | HJ320EC  | 0.87 | 13 | 20.5 |
| 100 | 215 | 73  | 670  | 735  | 85   | 3200 | 3800 | 12.2 | *NJ2320ECP  | J.M,ML | 100 | 139 | 182 | 127.5 | 3   | 3   | 5.9  | 114 | 124 | 142 | 201 | 2.5 | 2.5 | 0.25 | HJ2320EC | 0.93 | 13 | 23.5 |
| 105 | 190 | 36  | 300  | 315  | 36.5 | 3800 | 4300 | 4.10 | *NJ221ECP   | ML     | 105 | 134 | 164 | 125   | 2.1 | 2.1 | 2    | 117 | 122 | 137 | 178 | 2   | 2   | 0.15 | -        |      |    |      |
| 105 | 225 | 49  | 500  | 500  | 57   | 3200 | 3800 | 9.00 | *NJ321ECJ   | ML     | 105 | 145 | 190 | 133   | 3   | 3   | 3.4  | 119 | 130 | 148 | 211 | 2.5 | 2.5 | 0.15 | -        |      |    |      |
| 110 | 200 | 38  | 335  | 365  | 42.5 | 3600 | 4000 | 4.90 | *NJ222ECP   | J.M,ML | 110 | 141 | 174 | 132.5 | 2.1 | 2.1 | 2.1  | 122 | 130 | 145 | 188 | 2   | 2   | 0.15 | HJ222EC  | 0.60 | 11 | 17   |
| 110 | 200 | 53  | 440  | 520  | 61   | 3600 | 4000 | 6.85 | *NJ222ECP   | J.M,ML | 110 | 141 | 174 | 132.5 | 2.1 | 2.1 | 3.7  | 122 | 129 | 145 | 188 | 2   | 2   | 0.2  | -        |      |    |      |
| 110 | 240 | 50  | 530  | 540  | 61   | 3000 | 3400 | 11.1 | *NJ322ECP   | J.M,ML | 110 | 155 | 201 | 143   | 3   | 3   | 3    | 124 | 139 | 159 | 226 | 2.5 | 2.5 | 0.15 | HJ322EC  | 1.20 | 14 | 22   |
| 110 | 240 | 80  | 780  | 900  | 102  | 3000 | 3400 | 18.9 | *NJ2322ECP  | MA     | 110 | 155 | 201 | 143   | 3   | 3   | 7.5  | 124 | 139 | 159 | 226 | 2.5 | 2.5 | 0.25 | -        |      |    |      |
| 110 | 280 | 65  | 532  | 585  | 64   | 2600 | 3200 | 20.3 | NJ422       | -      | 110 | 171 | 217 | 155   | 4   | 4   | 4.8  | 130 | 150 | 174 | 260 | 3   | 3   | 0.15 | HJ422    | 2.10 | 17 | 29.5 |
| 120 | 215 | 40  | 390  | 430  | 49   | 3400 | 3600 | 5.85 | *NJ224ECP   | J.M,ML | 120 | 153 | 188 | 143.5 | 2.1 | 2.1 | 1.9  | 132 | 140 | 156 | 203 | 2   | 2   | 0.15 | HJ224EC  | 0.69 | 11 | 17   |
| 120 | 215 | 58  | 520  | 630  | 72   | 3400 | 3600 | 8.50 | *NJ224ECP   | J.M,ML | 120 | 153 | 188 | 143.5 | 2.1 | 2.1 | 3.8  | 132 | 140 | 156 | 203 | 2   | 2   | 0.2  | HJ224EC  | 0.74 | 11 | 20   |
| 120 | 260 | 55  | 610  | 620  | 69.5 | 2800 | 3200 | 13.5 | *NJ324ECP   | J.M,ML | 120 | 168 | 219 | 154   | 3   | 3   | 3.7  | 134 | 150 | 171 | 246 | 2.5 | 2.5 | 0.15 | HJ324EC  | 1.40 | 14 | 22.5 |
| 120 | 260 | 86  | 915  | 1040 | 116  | 2800 | 4300 | 24.3 | *NJ2324ECMA | M      | 120 | 168 | 219 | 154   | 3   | 3   | 7.2  | 134 | 150 | 171 | 246 | 2.5 | 2.5 | 0.25 | HJ2324EC | 1.45 | 14 | 26   |
| 130 | 230 | 40  | 415  | 455  | 51   | 3200 | 3400 | 6.60 | *NJ226ECP   | J.M,ML | 130 | 164 | 202 | 153.5 | 3   | 3   | 2.1  | 144 | 150 | 167 | 216 | 2.5 | 2.5 | 0.15 | HJ226EC  | 0.75 | 11 | 17   |
| 130 | 230 | 64  | 610  | 735  | 83   | 3200 | 3400 | 12.2 | *NJ226ECP   | ML     | 130 | 164 | 202 | 153.5 | 3   | 3   | 4.3  | 144 | 149 | 167 | 216 | 2.5 | 2.5 | 0.2  | HJ2226EC | 0.83 | 11 | 21   |
| 130 | 280 | 58  | 720  | 750  | 81.5 | 2400 | 3000 | 18.4 | *NJ326ECP   | J.M,ML | 130 | 181 | 236 | 167   | 4   | 4   | 3.7  | 147 | 163 | 185 | 263 | 3   | 3   | 0.15 | HJ326EC  | 1.60 | 14 | 23   |
| 130 | 280 | 93  | 1060 | 1250 | 137  | 2400 | 3000 | 30.5 | *NJ2326ECMA | -      | 130 | 181 | 236 | 167   | 4   | 4   | 8.7  | 147 | 163 | 185 | 263 | 3   | 3   | 0.25 | HJ2326EC | 1.70 | 14 | 28   |
| 140 | 250 | 42  | 450  | 510  | 57   | 2800 | 3200 | 8.75 | *NJ228ECP   | J.M,ML | 140 | 179 | 217 | 169   | 3   | 3   | 2.5  | 154 | 166 | 183 | 236 | 2.5 | 2.5 | 0.15 | -        |      |    |      |
| 140 | 250 | 68  | 655  | 830  | 93   | 2800 | 4800 | 15.3 | *NJ2228ECML | -      | 140 | 179 | 217 | 169   | 3   | 3   | 4.4  | 154 | 164 | 183 | 236 | 2.5 | 2.5 | 0.2  | HJ2228EC | 1.05 | 11 | 23   |
| 140 | 300 | 62  | 780  | 830  | 88   | 2400 | 2800 | 23.0 | *NJ328ECP   | J.M,ML | 140 | 195 | 252 | 180   | 4   | 4   | 3.7  | 157 | 176 | 199 | 283 | 3   | 3   | 0.15 | HJ328EC  | 2.00 | 15 | 25   |
| 140 | 300 | 102 | 1200 | 1430 | 150  | 2400 | 3600 | 37.5 | *NJ2328ECMA | -      | 140 | 195 | 252 | 180   | 4   | 4   | 9.7  | 157 | 176 | 199 | 283 | 3   | 3   | 0.25 | HJ2328EC | 2.15 | 15 | 31   |
| 150 | 270 | 45  | 510  | 600  | 64   | 2600 | 2800 | 12.0 | *NJ230ECP   | J.M,ML | 150 | 193 | 234 | 182   | 3   | 3   | 2.5  | 164 | 178 | 197 | 256 | 2.5 | 2.5 | 0.15 | HJ230EC  | 1.25 | 12 | 19.5 |
| 150 | 270 | 73  | 735  | 930  | 100  | 2600 | 2800 | 20.3 | *NJ2230ECM  | -      | 150 | 194 | 234 | 182   | 3   | 3   | 4.9  | 164 | 179 | 197 | 256 | 2.5 | 2.5 | 0.2  | HJ2230EC | 1.35 | 12 | 24.5 |
| 150 | 320 | 65  | 900  | 965  | 100  | 2200 | 2600 | 28.0 | *NJ330ECM   | MA     | 150 | 209 | 270 | 193   | 4   | 4   | 4    | 167 | 189 | 213 | 303 | 3   | 3   | 0.15 | -        |      |    |      |
| 150 | 320 | 108 | 1370 | 1630 | 166  | 2200 | 3400 | 46.0 | *NJ2330ECMA | -      | 150 | 209 | 270 | 193   | 4   | 4   | 10.5 | 167 | 189 | 213 | 303 | 3   | 3   | 0.25 | -        |      |    |      |
| 160 | 290 | 48  | 585  | 680  | 72   | 2400 | 2600 | 15.0 | *NJ232ECM   | ML     | 160 | 206 | 250 | 195   | 3   | 3   | 2.7  | 174 | 191 | 210 | 276 | 2.5 | 2.5 | 0.15 | -        |      |    |      |
| 160 | 290 | 80  | 930  | 1200 | 129  | 2400 | 3600 | 24.5 | *NJ2232ECMA | -      | 160 | 205 | 252 | 193   | 3   | 3   | 4.5  | 174 | 188 | 209 | 276 | 2.5 | 2.5 | 0.2  | HJ2232EC | 1.55 | 12 | 24.5 |
| 160 | 340 | 68  | 1000 | 1080 | 112  | 2000 | 2400 | 33.5 | *NJ332ECM   | MA     | 160 | 221 | 286 | 204   | 4   | 4   | 4    | 177 | 200 | 225 | 323 | 3   | 3   | 0.15 | HJ332EC  | 2.55 | 15 | 25   |
| 160 | 340 | 114 | 1250 | 1730 | 173  | 1800 | 2800 | 53.5 | NJ2332ECMA  | -      | 160 | 221 | 286 | 204   | 4   | 4   | 11   | 177 | 200 | 225 | 323 | 3   | 3   | 0.25 | -        |      |    |      |
| 170 | 310 | 52  | 695  | 815  | 85   | 2200 | 2400 | 19.5 | *NJ234ECM   | MA     | 170 | 220 | 268 | 207   | 4   | 4   | 2.9  | 187 | 203 | 224 | 293 | 3   | 3   | 0.15 | HJ234EC  | 1.65 | 12 | 20   |
| 170 | 360 | 120 | 1450 | 2040 | 204  | 1700 | 3000 | 63.0 | NJ2334ECMA  | -      | 170 | 234 | 301 | 216   | 4   | 4   | 10   | 187 | 211 | 238 | 343 | 3   | 3   | 0.25 | -        |      |    |      |
| 180 | 320 | 52  | 720  | 850  | 88   | 2200 | 3200 | 20.2 | *NJ236ECMA  | -      | 180 | 230 | 279 | 217   | 4   | 4   | 2.9  | 197 | 213 | 234 | 303 | 3   | 3   | 0.15 | HJ236EC  | 1.70 | 12 | 20   |
| 180 | 320 | 86  | 1100 | 1430 | 146  | 2200 | 3200 | 32.0 | *NJ2236ECMA | M      | 180 | 229 | 280 | 215   | 4   | 4   | 4.2  | 197 | 210 | 233 | 303 | 3   | 3   | 0.2  | -        |      |    |      |
| 190 | 340 | 55  | 800  | 965  | 98   | 2000 | 3000 | 24.5 | *NJ238ECMA  | M      | 190 | 244 | 295 | 230   | 4   | 4   | 3    | 207 | 226 | 248 | 323 | 3   | 3   | 0.15 | HJ238EC  | 2.10 | 13 | 21.5 |
| 200 | 360 | 58  | 850  | 1020 | 100  | 1900 | 2800 | 29.0 | *NJ240ECMA  | M      | 200 | 258 | 312 | 243   | 4   | 4   | 2.6  | 217 | 239 | 262 | 343 | 3   | 3   | 0.15 | HJ240EC  | 2.55 | 14 | 23   |
| 200 | 420 | 138 | 1980 | 2800 | 255  | 1400 | 2400 | 98.0 | NJ2340ECMA  | -      | 200 | 278 | 353 | 247   | 5   | 5   | 9.4  | 220 | 241 | 280 | 400 | 4   | 4   | 0.25 | -        |      |    |      |
| 220 | 400 | 65  | 1060 | 1290 | 125  | 1600 | 2400 | 39.0 | *NJ244ECMA  | M      | 220 | 284 | 344 | 268   | 4   | 4   | 2.3  | 237 | 264 | 288 | 383 | 3   | 3   | 0.15 | -        |      |    |      |
| 220 | 460 | 88  | 1210 | 1630 | 150  | 1500 | 1700 | 73.5 | NJ344M      | -      | 220 | 307 | 371 | 284   | 5   | 5   | 5.2  | 240 | 277 | 311 | 440 | 4   | 4   | 0.15 | -        |      |    |      |
| 240 | 440 | 72  | 952  | 1370 | 129  | 1600 | 2200 | 52.5 | NJ248MA     | -      | 240 | 313 | 365 | 295   | 4   | 4   | 3.4  | 257 | 288 | 317 | 423 | 3   | 3   | 0.15 | -        |      |    |      |
| 240 | 440 | 120 | 1450 | 2360 | 216  | 1500 | 2200 | 85.0 | NJ2248MA    | -      | 240 | 313 | 365 | 295   | 4   | 4   | 4.3  | 257 | 284 | 317 | 423 | 3   | 3   | 0.2  | -        |      |    |      |
| 240 | 500 | 95  | 1450 | 2000 | 180  | 1300 | 2000 | 98.5 | NJ348MA     | -      | 240 | 335 | 401 | 310   | 5   | 5   | 5.6  | 260 | 302 | 339 | 480 | 4   | 4   | 0.15 | HJ348    | 8.90 | 22 | 39.5 |
| 260 | 480 | 80  | 1170 | 1700 | 156  | 1400 | 2000 | 70.0 | NJ252MA     | -      | 260 | 340 | 397 | 320   | 5   | 5   | 3.4  | 280 | 313 | 344 | 460 | 4   | 4   | 0.15 | HJ252    | 6.20 | 18 | 33   |
| 260 | 480 | 130 | 1790 | 3000 | 265  | 1300 | 2000 | 112  | NJ2252MA    | -      | 260 | 340 | 397 | 320   | 5   | 5   | 4.3  | 280 | 309 | 344 | 460 | 4   | 4   | 0.2  | -        |      |    |      |
| 280 | 500 | 80  | 1140 | 1700 | 153  | 1400 | 1900 | 73.0 | NJ256MA     | -      | 280 | 360 | 417 | 340   | 5   | 5   | 3.8  | 300 | 333 | 364 | 480 | 4   | 4   | 0.15 | -        |      |    |      |
| 300 | 460 | 74  | 858  | 1370 | 129  | 1500 | 2000 | 47.0 | NJ1060MA    | -      | 300 | 356 | 402 | 340   | 4   | 4   | 9.7  | 317 | 335 | 360 | 443 | 3   | 3   | 0.1  | HJ1060   | 5.30 | 19 | 36   |
| 320 | 480 | 74  | 880  | 1430 | 132  | 1400 | 1900 | 49.0 | NJ1064MA    |        |     |     |     |       |     |     |      |     |     |     |     |     |     |      |          |      |    |      |