

# SA200 Series

| SA200 Series   |                 |        |       |        |        |       |            |       |       |       |                  |                 |        |
|----------------|-----------------|--------|-------|--------|--------|-------|------------|-------|-------|-------|------------------|-----------------|--------|
| Insert Bearing | Dimension mm/in |        |       |        |        |       |            |       |       |       | Radial rating    | Radial rating   | Weight |
| No.            | d1              | d2     | B1    | B2     | C      | S     | ds         | G     | B5    | d3    | Dynamic load (N) | Static load (N) | (kg)   |
| SA201          | 12              | 40     | 28.6  | 19.1   | 12     | 6.5   | M6×1       | 4.8   | 13.5  | 28.6  | 9600             | 4600            | 0.12   |
| SA201-8        | 1/2             | 1.5748 | 1.126 | 0.752  | 0.4724 | 0.256 | 1/4-28UNF  | 0.189 | 0.531 | 1.126 | 9600             | 4600            | 0.12   |
| SA202          | 15              | 40     | 28.6  | 19.1   | 12     | 6.5   | M6×1       | 4.8   | 13.5  | 28.6  | 9600             | 4600            | 0.1    |
| SA202-9        | 9/16            | 1.5748 | 1.126 | 0.752  | 0.4724 | 0.256 | 1/4-28UNF  | 0.189 | 0.531 | 1.126 | 9600             | 4600            | 0.1    |
| SA202-10       | 5/8             | 1.5748 | 1.126 | 0.752  | 0.4724 | 0.256 | 1/4-28UNF  | 0.189 | 0.531 | 1.126 | 9600             | 4600            | 0.1    |
| SA203          | 17              | 40     | 28.6  | 19.1   | 12     | 6.5   | M6×1       | 4.8   | 13.5  | 28.6  | 12800            | 6600            | 0.09   |
| SA203-11       | 11/16           | 1.5748 | 1.126 | 0.752  | 0.4724 | 0.256 | 1/4-28UNF  | 0.189 | 0.531 | 1.126 | 12800            | 6600            | 0.09   |
| SA204          | 20              | 47     | 31    | 21.5   | 14     | 7.5   | M6×1       | 4.8   | 13.5  | 33.3  | 12800            | 6600            | 0.16   |
| SA204-12       | 3/4             | 1.8504 | 1.22  | 0.8465 | 0.5512 | 0.295 | 1/4-28UNF  | 0.189 | 0.531 | 1.311 | 12800            | 6600            | 0.16   |
| SA205          | 25              | 52     | 31    | 21.5   | 15     | 7.5   | M6×1       | 4.8   | 13.5  | 38.1  | 14000            | 7850            | 0.2    |
| SA205-13       | 13/16           | 2.0472 | 1.22  | 0.8465 | 0.5906 | 0.295 | 1/4 -28UNF | 0.189 | 0.531 | 1.5   | 14000            | 7850            | 0.22   |
| SA205-14       | 7/8             | 2.0472 | 1.22  | 0.8465 | 0.5906 | 0.295 | 1/4 -28UNF | 0.189 | 0.531 | 1.5   | 14000            | 7850            | 0.21   |
| SA205-15       | 15/16           | 2.0472 | 1.22  | 0.8465 | 0.5906 | 0.295 | 1/4 -28UNF | 0.189 | 0.531 | 1.5   | 14000            | 7850            | 0.21   |
| SA205-16       | 1               | 2.0472 | 1.22  | 0.8465 | 0.5906 | 0.295 | 1/4 -28UNF | 0.189 | 0.531 | 1.5   | 14000            | 7850            | 0.2    |
| SA205-16       | 1               | 2.0472 | 1.22  | 0.8465 | 0.5906 | 0.295 | 1/4 -28UNF | 0.189 | 0.531 | 1.5   | 14000            | 7850            | 0.2    |
| SA205-16       | 1               | 2.0472 | 1.22  | 0.8465 | 0.5906 | 0.295 | 1/4 -28UNF | 0.189 | 0.531 | 1.5   | 14000            | 7850            | 0.2    |
| SA206          | 30              | 62     | 35.7  | 23.8   | 16     | 9     | M8×1       | 6     | 15.9  | 44.5  | 19450            | 11250           | 0.3    |
| SA206-17       | 1-1/16          | 2.4409 | 1.406 | 0.937  | 0.6299 | 0.354 | 5/16-28UNF | 0.236 | 0.626 | 1.752 | 19450            | 11250           | 0.32   |
| SA206-18       | 1-1/8           | 2.4409 | 1.406 | 0.937  | 0.6299 | 0.354 | 5/16-28UNF | 0.236 | 0.626 | 1.752 | 19450            | 11250           | 0.31   |
| SA206-19       | 1-3/16          | 2.4409 | 1.406 | 0.937  | 0.6299 | 0.354 | 5/16-28UNF | 0.236 | 0.626 | 1.752 | 19450            | 11250           | 0.3    |
| SA206-20       | 1-1/4           | 2.4409 | 1.406 | 0.937  | 0.6299 | 0.354 | 5/16-28UNF | 0.236 | 0.626 | 1.752 | 19450            | 11250           | 0.29   |
| SA207          | 35              | 72     | 38.9  | 25.4   | 17     | 9.5   | M8×1       | 6.8   | 17.5  | 55.6  | 25700            | 15200           | 0.42   |
| SA207-20       | 1-1/4           | 2.8346 | 1.531 | 1      | 0.6693 | 0.374 | 5/16-24UNF | 0.268 | 0.689 | 2.189 | 25700            | 15200           | 0.46   |
| SA207-21       | 1-5/16          | 2.8346 | 1.531 | 1      | 0.6693 | 0.374 | 5/16-24UNF | 0.268 | 0.689 | 2.189 | 25700            | 15200           | 0.43   |
| SA207-22       | 1-3/8           | 2.8346 | 1.531 | 1      | 0.6693 | 0.374 | 5/16-24UNF | 0.268 | 0.689 | 2.189 | 25700            | 15200           | 0.42   |
| SA207-23       | 1-7/16          | 2.8346 | 1.531 | 1      | 0.6693 | 0.374 | 5/16-24UNF | 0.268 | 0.689 | 2.189 | 25700            | 15200           | 0.41   |
| SA208          | 40              | 80     | 43.7  | 30.2   | 18     | 11    | M8×1       | 6.8   | 18.3  | 60.3  | 29500            | 18100           | 0.6    |
| SA208-24       | 1-1/2           | 3.1496 | 1.721 | 1.189  | 0.7087 | 0.433 | 5/16-24UNF | 0.268 | 0.72  | 2.374 | 29500            | 18100           | 0.6    |
| SA208-25       | 1-9/16          | 3.1496 | 1.721 | 1.189  | 0.7087 | 0.433 | 5/16-24UNF | 0.268 | 0.72  | 2.374 | 29500            | 18100           | 0.6    |
| SA208-25       | 1-9/16          | 3.1496 | 1.721 | 1.189  | 0.7087 | 0.433 | 5/16-24UNF | 0.268 | 0.72  | 2.374 | 29500            | 18100           | 0.6    |