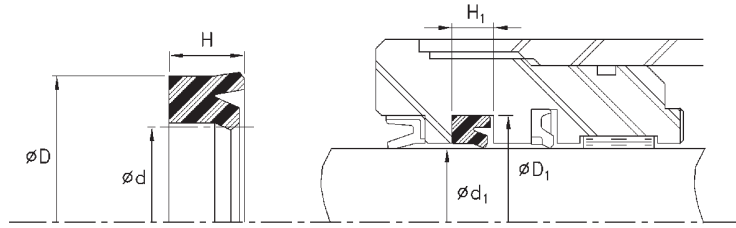
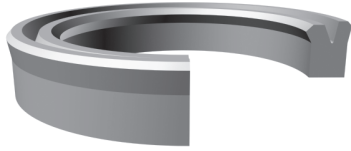


# RA - Rod Seals

Polyurethane AU 94A



**Temperature: -31/212F [ -35/100C ]**

**Pressure: 6000 PSI [ 415 Bar ]**

| Ref.Number     | Rod diameter |             | Nominal Seal Dimensions |       |       | Housing Dimensions |             |       |             |       |             |
|----------------|--------------|-------------|-------------------------|-------|-------|--------------------|-------------|-------|-------------|-------|-------------|
|                |              | Tol.        | d                       | D     | H     | d1                 | Tol.        | D1    | Tol.        | H1    | Tol.        |
| R008016050RA   | 8.00         | +0.00/-0.04 | 8.00                    | 16.00 | 5.00  | 8.00               | +0.00/-0.04 | 16.00 | +0.07/-0.00 | 5.70  | +0.30/-0.00 |
| R008018060RA   | 8.00         | +0.00/-0.04 | 8.00                    | 18.00 | 6.00  | 8.00               | +0.00/-0.04 | 18.00 | +0.07/-0.00 | 7.00  | +0.30/-0.00 |
| R008018075RA   | 8.00         | +0.00/-0.04 | 8.00                    | 18.00 | 7.50  | 8.00               | +0.00/-0.04 | 18.00 | +0.07/-0.00 | 8.50  | +0.30/-0.00 |
| R008018080RA   | 8.00         | +0.00/-0.04 | 8.00                    | 18.00 | 8.00  | 8.00               | +0.00/-0.04 | 18.00 | +0.07/-0.00 | 9.00  | +0.30/-0.00 |
| R009017050RA   | 9.00         | +0.00/-0.04 | 9.00                    | 17.00 | 5.00  | 9.00               | +0.00/-0.04 | 17.00 | +0.07/-0.00 | 5.70  | +0.30/-0.00 |
| R009019060RA   | 9.00         | +0.00/-0.04 | 9.00                    | 19.00 | 6.00  | 9.00               | +0.00/-0.04 | 19.00 | +0.08/-0.00 | 7.00  | +0.30/-0.00 |
| R009019075RA   | 9.00         | +0.00/-0.04 | 9.00                    | 19.00 | 7.50  | 9.00               | +0.00/-0.04 | 19.00 | +0.08/-0.00 | 8.50  | +0.30/-0.00 |
| R009019080RA   | 9.00         | +0.00/-0.04 | 9.00                    | 19.00 | 8.00  | 9.00               | +0.00/-0.04 | 19.00 | +0.08/-0.00 | 9.00  | +0.30/-0.00 |
| R010018050RA   | 10.00        | +0.00/-0.04 | 10.00                   | 18.00 | 5.00  | 10.00              | +0.00/-0.04 | 18.00 | +0.07/-0.00 | 5.70  | +0.30/-0.00 |
| R010020060RA   | 10.00        | +0.00/-0.04 | 10.00                   | 20.00 | 6.00  | 10.00              | +0.00/-0.04 | 20.00 | +0.08/-0.00 | 7.00  | +0.30/-0.00 |
| R010020075RA   | 10.00        | +0.00/-0.04 | 10.00                   | 20.00 | 7.50  | 10.00              | +0.00/-0.04 | 20.00 | +0.08/-0.00 | 8.50  | +0.30/-0.00 |
| R010020080RA   | 10.00        | +0.00/-0.04 | 10.00                   | 20.00 | 8.00  | 10.00              | +0.00/-0.04 | 20.00 | +0.08/-0.00 | 9.00  | +0.30/-0.00 |
| R014020048RA   | 14.00        | +0.00/-0.04 | 14.00                   | 20.00 | 4.80  | 14.00              | +0.00/-0.04 | 20.00 | +0.08/-0.00 | 5.50  | +0.30/-0.00 |
| R014022050RA   | 14.00        | +0.00/-0.04 | 14.00                   | 22.00 | 5.00  | 14.00              | +0.00/-0.04 | 22.00 | +0.08/-0.00 | 5.70  | +0.30/-0.00 |
| R014022110RA   | 14.00        | +0.00/-0.04 | 14.00                   | 22.00 | 11.00 | 14.00              | +0.00/-0.04 | 22.00 | +0.08/-0.00 | 12.00 | +0.30/-0.00 |
| R014024060RA   | 14.00        | +0.00/-0.04 | 14.00                   | 24.00 | 6.00  | 14.00              | +0.00/-0.04 | 24.00 | +0.08/-0.00 | 7.00  | +0.30/-0.00 |
| R014024075RA   | 14.00        | +0.00/-0.04 | 14.00                   | 24.00 | 7.50  | 14.00              | +0.00/-0.04 | 24.00 | +0.08/-0.00 | 8.50  | +0.30/-0.00 |
| R014024080RA   | 14.00        | +0.00/-0.04 | 14.00                   | 24.00 | 8.00  | 14.00              | +0.00/-0.04 | 24.00 | +0.08/-0.00 | 9.00  | +0.30/-0.00 |
| R015023050RA   | 15.00        | +0.00/-0.04 | 15.00                   | 23.00 | 5.00  | 15.00              | +0.00/-0.04 | 23.00 | +0.08/-0.00 | 5.70  | +0.30/-0.00 |
| R015025060RA   | 15.00        | +0.00/-0.04 | 15.00                   | 25.00 | 6.00  | 15.00              | +0.00/-0.04 | 25.00 | +0.08/-0.00 | 7.00  | +0.30/-0.00 |
| R015025080RA   | 15.00        | +0.00/-0.04 | 15.00                   | 25.00 | 8.00  | 15.00              | +0.00/-0.04 | 25.00 | +0.08/-0.00 | 9.00  | +0.30/-0.00 |
| R015028080RA   | 15.00        | +0.00/-0.04 | 15.00                   | 28.00 | 8.00  | 15.00              | +0.00/-0.04 | 28.00 | +0.08/-0.00 | 9.00  | +0.30/-0.00 |
| R015028100RA   | 15.00        | +0.00/-0.04 | 15.00                   | 28.00 | 10.00 | 15.00              | +0.00/-0.04 | 28.00 | +0.08/-0.00 | 11.00 | +0.30/-0.00 |
| R016024050RA   | 16.00        | +0.00/-0.04 | 16.00                   | 24.00 | 5.00  | 16.00              | +0.00/-0.04 | 24.00 | +0.08/-0.00 | 5.70  | +0.30/-0.00 |
| R016026060RA   | 16.00        | +0.00/-0.04 | 16.00                   | 26.00 | 6.00  | 16.00              | +0.00/-0.04 | 26.00 | +0.08/-0.00 | 7.00  | +0.30/-0.00 |
| R016026075RA   | 16.00        | +0.00/-0.04 | 16.00                   | 26.00 | 7.50  | 16.00              | +0.00/-0.04 | 26.00 | +0.08/-0.00 | 8.50  | +0.30/-0.00 |
| R016026080RA   | 16.00        | +0.00/-0.04 | 16.00                   | 26.00 | 8.00  | 16.00              | +0.00/-0.04 | 26.00 | +0.08/-0.00 | 9.00  | +0.30/-0.00 |
| R018026050RA   | 18.00        | +0.00/-0.04 | 18.00                   | 26.00 | 5.00  | 18.00              | +0.00/-0.04 | 26.00 | +0.08/-0.00 | 5.70  | +0.30/-0.00 |
| R018028060RA   | 18.00        | +0.00/-0.04 | 18.00                   | 28.00 | 6.00  | 18.00              | +0.00/-0.04 | 28.00 | +0.08/-0.00 | 7.00  | +0.30/-0.00 |
| R018028080RA   | 18.00        | +0.00/-0.04 | 18.00                   | 28.00 | 8.00  | 18.00              | +0.00/-0.04 | 28.00 | +0.08/-0.00 | 9.00  | +0.30/-0.00 |
| R018031100RA   | 18.00        | +0.00/-0.04 | 18.00                   | 31.00 | 10.00 | 18.00              | +0.00/-0.04 | 31.00 | +0.10/-0.00 | 11.00 | +0.30/-0.00 |
| R019027050RA   | 19.00        | +0.00/-0.04 | 19.00                   | 27.00 | 5.00  | 19.00              | +0.00/-0.04 | 27.00 | +0.08/-0.00 | 5.70  | +0.30/-0.00 |
| R020025050RA   | 20.00        | +0.00/-0.04 | 20.00                   | 25.00 | 5.00  | 20.00              | +0.00/-0.04 | 25.00 | +0.08/-0.00 | 5.70  | +0.30/-0.00 |
| R020028050RA-E | 20.00        | +0.00/-0.04 | 20.00                   | 28.00 | 5.00  | 20.00              | +0.00/-0.04 | 28.00 | +0.08/-0.00 | 5.70  | +0.30/-0.00 |
| R020030060RA   | 20.00        | +0.00/-0.04 | 20.00                   | 30.00 | 6.00  | 20.00              | +0.00/-0.04 | 30.00 | +0.08/-0.00 | 7.00  | +0.30/-0.00 |
| R020030080RA   | 20.00        | +0.00/-0.04 | 20.00                   | 30.00 | 8.00  | 20.00              | +0.00/-0.04 | 30.00 | +0.08/-0.00 | 9.00  | +0.30/-0.00 |

NOTE: MINIMUM LINE ORDER MAY APPLY

**RA SERIES - AU 94A**

**METRIC SIZE  
ROD SEALS**



**M**

| Ref.Number     | Rod diameter |             | Nominal Seal Dimensions |       |       | Housing Dimensions |             |       |             |       |             |
|----------------|--------------|-------------|-------------------------|-------|-------|--------------------|-------------|-------|-------------|-------|-------------|
|                |              | Tol.        | d                       | D     | H     | d1                 | Tol.        | D1    | Tol.        | H1    | Tol.        |
| R020033080RA   | 20.00        | +0.00/-0.04 | 20.00                   | 33.00 | 8.00  | 20.00              | +0.00/-0.04 | 33.00 | +0.10/-0.00 | 9.00  | +0.30/-0.00 |
| R020033100RA   | 20.00        | +0.00/-0.04 | 20.00                   | 33.00 | 10.00 | 20.00              | +0.00/-0.04 | 33.00 | +0.10/-0.00 | 11.00 | +0.30/-0.00 |
| R022030050RA   | 22.00        | +0.00/-0.04 | 22.00                   | 30.00 | 5.00  | 22.00              | +0.00/-0.04 | 30.00 | +0.08/-0.00 | 5.70  | +0.30/-0.00 |
| R022030070RA   | 22.00        | +0.00/-0.04 | 22.00                   | 30.00 | 7.00  | 22.00              | +0.00/-0.04 | 30.00 | +0.08/-0.00 | 8.00  | +0.30/-0.00 |
| R022035100RA   | 22.00        | +0.00/-0.04 | 22.00                   | 35.00 | 10.00 | 22.00              | +0.00/-0.04 | 35.00 | +0.10/-0.00 | 11.00 | +0.30/-0.00 |
| R024034060RA   | 24.00        | +0.00/-0.04 | 24.00                   | 34.00 | 6.00  | 24.00              | +0.00/-0.04 | 34.00 | +0.10/-0.00 | 7.00  | +0.30/-0.00 |
| R025033050RA   | 25.00        | +0.00/-0.04 | 25.00                   | 33.00 | 5.00  | 25.00              | +0.00/-0.04 | 33.00 | +0.10/-0.00 | 5.70  | +0.30/-0.00 |
| R025035050RA   | 25.00        | +0.00/-0.04 | 25.00                   | 35.00 | 5.00  | 25.00              | +0.00/-0.04 | 35.00 | +0.10/-0.00 | 5.70  | +0.30/-0.00 |
| R025035060RA   | 25.00        | +0.00/-0.04 | 25.00                   | 35.00 | 6.00  | 25.00              | +0.00/-0.04 | 35.00 | +0.10/-0.00 | 7.00  | +0.30/-0.00 |
| R025035080RA   | 25.00        | +0.00/-0.04 | 25.00                   | 35.00 | 8.00  | 25.00              | +0.00/-0.04 | 35.00 | +0.10/-0.00 | 9.00  | +0.30/-0.00 |
| R025035090RA   | 25.00        | +0.00/-0.04 | 25.00                   | 35.00 | 9.00  | 25.00              | +0.00/-0.04 | 35.00 | +0.10/-0.00 | 10.00 | +0.30/-0.00 |
| R025038080RA   | 25.00        | +0.00/-0.04 | 25.00                   | 38.00 | 8.00  | 25.00              | +0.00/-0.04 | 38.00 | +0.10/-0.00 | 9.00  | +0.30/-0.00 |
| R025038100RA   | 25.00        | +0.00/-0.04 | 25.00                   | 38.00 | 10.00 | 25.00              | +0.00/-0.04 | 38.00 | +0.10/-0.00 | 11.00 | +0.30/-0.00 |
| R025040090RA   | 25.00        | +0.00/-0.04 | 25.00                   | 40.00 | 9.00  | 25.00              | +0.00/-0.04 | 40.00 | +0.10/-0.00 | 10.00 | +0.30/-0.00 |
| R025040100RA   | 25.00        | +0.00/-0.04 | 25.00                   | 40.00 | 10.00 | 25.00              | +0.00/-0.04 | 40.00 | +0.10/-0.00 | 11.00 | +0.30/-0.00 |
| R026036080RA   | 26.00        | +0.00/-0.04 | 26.00                   | 36.00 | 8.00  | 26.00              | +0.00/-0.04 | 36.00 | +0.10/-0.00 | 9.00  | +0.30/-0.00 |
| R027040100RA   | 27.00        | +0.00/-0.04 | 27.00                   | 40.00 | 10.00 | 27.00              | +0.00/-0.04 | 40.00 | +0.10/-0.00 | 11.00 | +0.30/-0.00 |
| R028034040RA   | 28.00        | +0.00/-0.04 | 28.00                   | 34.00 | 4.00  | 28.00              | +0.00/-0.04 | 34.00 | +0.10/-0.00 | 4.70  | +0.30/-0.00 |
| R028036050RA   | 28.00        | +0.00/-0.04 | 28.00                   | 36.00 | 5.00  | 28.00              | +0.00/-0.04 | 36.00 | +0.10/-0.00 | 5.70  | +0.30/-0.00 |
| R028038060RA   | 28.00        | +0.00/-0.04 | 28.00                   | 38.00 | 6.00  | 28.00              | +0.00/-0.04 | 38.00 | +0.10/-0.00 | 7.00  | +0.30/-0.00 |
| R028038080RA   | 28.00        | +0.00/-0.04 | 28.00                   | 38.00 | 8.00  | 28.00              | +0.00/-0.04 | 38.00 | +0.10/-0.00 | 9.00  | +0.30/-0.00 |
| R028041080RA   | 28.00        | +0.00/-0.04 | 28.00                   | 41.00 | 8.00  | 28.00              | +0.00/-0.04 | 41.00 | +0.10/-0.00 | 9.00  | +0.30/-0.00 |
| R028041100RA   | 28.00        | +0.00/-0.04 | 28.00                   | 41.00 | 10.00 | 28.00              | +0.00/-0.04 | 41.00 | +0.10/-0.00 | 11.00 | +0.30/-0.00 |
| R028043090RA   | 28.00        | +0.00/-0.04 | 28.00                   | 43.00 | 9.00  | 28.00              | +0.00/-0.04 | 43.00 | +0.10/-0.00 | 10.00 | +0.30/-0.00 |
| R028043100RA   | 28.00        | +0.00/-0.04 | 28.00                   | 43.00 | 10.00 | 28.00              | +0.00/-0.04 | 43.00 | +0.10/-0.00 | 11.00 | +0.30/-0.00 |
| R030036040RA   | 30.00        | +0.00/-0.04 | 30.00                   | 36.00 | 4.00  | 30.00              | +0.00/-0.04 | 36.00 | +0.10/-0.00 | 4.70  | +0.30/-0.00 |
| R030037060RA   | 30.00        | +0.00/-0.04 | 30.00                   | 37.00 | 6.00  | 30.00              | +0.00/-0.04 | 37.00 | +0.10/-0.00 | 7.00  | +0.30/-0.00 |
| R030038050RA   | 30.00        | +0.00/-0.04 | 30.00                   | 38.00 | 5.00  | 30.00              | +0.00/-0.04 | 38.00 | +0.10/-0.00 | 5.70  | +0.30/-0.00 |
| R030040060RA-E | 30.00        | +0.00/-0.04 | 30.00                   | 40.00 | 6.00  | 30.00              | +0.00/-0.04 | 40.00 | +0.10/-0.00 | 7.00  | +0.30/-0.00 |
| R030040070RA   | 30.00        | +0.00/-0.04 | 30.00                   | 40.00 | 7.00  | 30.00              | +0.00/-0.04 | 40.00 | +0.10/-0.00 | 8.00  | +0.30/-0.00 |
| R030040080RA   | 30.00        | +0.00/-0.04 | 30.00                   | 40.00 | 8.00  | 30.00              | +0.00/-0.04 | 40.00 | +0.10/-0.00 | 9.00  | +0.30/-0.00 |
| R030043100RA   | 30.00        | +0.00/-0.04 | 30.00                   | 43.00 | 10.00 | 30.00              | +0.00/-0.04 | 43.00 | +0.10/-0.00 | 11.00 | +0.30/-0.00 |
| R030045090RA   | 30.00        | +0.00/-0.04 | 30.00                   | 45.00 | 9.00  | 30.00              | +0.00/-0.04 | 45.00 | +0.10/-0.00 | 10.00 | +0.30/-0.00 |
| R030045100RA   | 30.00        | +0.00/-0.04 | 30.00                   | 45.00 | 10.00 | 30.00              | +0.00/-0.04 | 45.00 | +0.10/-0.00 | 11.00 | +0.30/-0.00 |
| R031041060RA-1 | 31.50        | +0.00/-0.04 | 31.50                   | 41.50 | 6.00  | 31.50              | +0.00/-0.04 | 41.50 | +0.10/-0.00 | 7.00  | +0.30/-0.00 |
| R032042060RA   | 32.00        | +0.00/-0.04 | 32.00                   | 42.00 | 6.00  | 32.00              | +0.00/-0.04 | 42.00 | +0.10/-0.00 | 7.00  | +0.30/-0.00 |
| R032048100RA-E | 32.00        | +0.00/-0.04 | 32.00                   | 48.00 | 10.00 | 32.00              | +0.00/-0.04 | 48.00 | +0.10/-0.00 | 11.00 | +0.30/-0.00 |
| R033043100RA   | 33.00        | +0.00/-0.04 | 33.00                   | 43.00 | 10.00 | 33.00              | +0.00/-0.04 | 43.00 | +0.10/-0.00 | 11.00 | +0.30/-0.00 |
| R034040040RA   | 34.00        | +0.00/-0.04 | 34.00                   | 40.00 | 4.00  | 34.00              | +0.00/-0.04 | 40.00 | +0.10/-0.00 | 4.70  | +0.30/-0.00 |
| R034043060RA   | 34.00        | +0.00/-0.04 | 34.00                   | 43.00 | 6.00  | 34.00              | +0.00/-0.04 | 43.00 | +0.10/-0.00 | 7.00  | +0.30/-0.00 |
| R034044060RA   | 34.00        | +0.00/-0.04 | 34.00                   | 44.00 | 6.00  | 34.00              | +0.00/-0.04 | 44.00 | +0.10/-0.00 | 7.00  | +0.30/-0.00 |
| R034050120RA   | 34.00        | +0.00/-0.04 | 34.00                   | 50.00 | 12.00 | 34.00              | +0.00/-0.04 | 50.00 | +0.10/-0.00 | 13.00 | +0.30/-0.00 |
| R035041040RA   | 35.00        | +0.00/-0.04 | 35.00                   | 41.00 | 4.00  | 35.00              | +0.00/-0.04 | 41.00 | +0.10/-0.00 | 4.70  | +0.30/-0.00 |
| R035043050RA   | 35.00        | +0.00/-0.04 | 35.00                   | 43.00 | 5.00  | 35.00              | +0.00/-0.04 | 43.00 | +0.10/-0.00 | 5.70  | +0.30/-0.00 |
| R035045060RA   | 35.00        | +0.00/-0.04 | 35.00                   | 45.00 | 6.00  | 35.00              | +0.00/-0.04 | 45.00 | +0.10/-0.00 | 7.00  | +0.30/-0.00 |
| R035045070RA   | 35.00        | +0.00/-0.04 | 35.00                   | 45.00 | 7.00  | 35.00              | +0.00/-0.04 | 45.00 | +0.10/-0.00 | 8.00  | +0.30/-0.00 |
| R035045080RA   | 35.00        | +0.00/-0.04 | 35.00                   | 45.00 | 8.00  | 35.00              | +0.00/-0.04 | 45.00 | +0.10/-0.00 | 9.00  | +0.30/-0.00 |

NOTE: MINIMUM LINE ORDER MAY APPLY

## RA SERIES - AU 94A

| Ref.Number   | Rod diameter |               | Nominal Seal Dimensions |       |       | Housing Dimensions |               |       |               |       |               |
|--------------|--------------|---------------|-------------------------|-------|-------|--------------------|---------------|-------|---------------|-------|---------------|
|              |              | Tol.          | d                       | D     | H     | d1                 | Tol.          | D1    | Tol.          | H1    | Tol.          |
| R035050090RA | 35.00        | +0.00 / -0.04 | 35.00                   | 50.00 | 9.00  | 35.00              | +0.00 / -0.04 | 50.00 | +0.10 / -0.00 | 10.00 | +0.30 / -0.00 |
| R035050100RA | 35.00        | +0.00 / -0.04 | 35.00                   | 50.00 | 10.00 | 35.00              | +0.00 / -0.04 | 50.00 | +0.10 / -0.00 | 11.00 | +0.30 / -0.00 |
| R036046060RA | 36.00        | +0.00 / -0.04 | 36.00                   | 46.00 | 6.00  | 36.00              | +0.00 / -0.04 | 46.00 | +0.10 / -0.00 | 7.00  | +0.30 / -0.00 |
| R036051100RA | 36.00        | +0.00 / -0.04 | 36.00                   | 51.00 | 10.00 | 36.00              | +0.00 / -0.04 | 51.00 | +0.12 / -0.00 | 11.00 | +0.30 / -0.00 |
| R036052120RA | 36.00        | +0.00 / -0.04 | 36.00                   | 52.00 | 12.00 | 36.00              | +0.00 / -0.04 | 52.00 | +0.12 / -0.00 | 13.00 | +0.30 / -0.00 |
| R038047060RA | 38.00        | +0.00 / -0.04 | 38.00                   | 47.00 | 6.00  | 38.00              | +0.00 / -0.04 | 47.00 | +0.10 / -0.00 | 7.00  | +0.30 / -0.00 |
| R038048060RA | 38.00        | +0.00 / -0.04 | 38.00                   | 48.00 | 6.00  | 38.00              | +0.00 / -0.04 | 48.00 | +0.10 / -0.00 | 7.00  | +0.30 / -0.00 |
| R039048060RA | 39.00        | +0.00 / -0.05 | 39.00                   | 48.00 | 6.00  | 39.00              | +0.00 / -0.05 | 48.00 | +0.10 / -0.00 | 7.00  | +0.30 / -0.00 |
| R040048060RA | 40.00        | +0.00 / -0.05 | 40.00                   | 48.00 | 6.00  | 40.00              | +0.00 / -0.05 | 48.00 | +0.10 / -0.00 | 7.00  | +0.30 / -0.00 |
| R040050060RA | 40.00        | +0.00 / -0.05 | 40.00                   | 50.00 | 6.00  | 40.00              | +0.00 / -0.05 | 50.00 | +0.10 / -0.00 | 7.00  | +0.30 / -0.00 |
| R040050070RA | 40.00        | +0.00 / -0.05 | 40.00                   | 50.00 | 7.00  | 40.00              | +0.00 / -0.05 | 50.00 | +0.10 / -0.00 | 8.00  | +0.30 / -0.00 |
| R040050080RA | 40.00        | +0.00 / -0.05 | 40.00                   | 50.00 | 8.00  | 40.00              | +0.00 / -0.05 | 50.00 | +0.10 / -0.00 | 9.00  | +0.30 / -0.00 |
| R040055090RA | 40.00        | +0.00 / -0.05 | 40.00                   | 55.00 | 9.00  | 40.00              | +0.00 / -0.05 | 55.00 | +0.12 / -0.00 | 10.00 | +0.30 / -0.00 |
| R040055100RA | 40.00        | +0.00 / -0.05 | 40.00                   | 55.00 | 10.00 | 40.00              | +0.00 / -0.05 | 55.00 | +0.12 / -0.00 | 11.00 | +0.30 / -0.00 |
| R040056100RA | 40.00        | +0.00 / -0.05 | 40.00                   | 56.00 | 10.00 | 40.00              | +0.00 / -0.05 | 56.00 | +0.12 / -0.00 | 11.00 | +0.30 / -0.00 |
| R040056120RA | 40.00        | +0.00 / -0.05 | 40.00                   | 56.00 | 12.00 | 40.00              | +0.00 / -0.05 | 56.00 | +0.12 / -0.00 | 13.00 | +0.30 / -0.00 |
| R040060120RA | 40.00        | +0.00 / -0.05 | 40.00                   | 60.00 | 12.00 | 40.00              | +0.00 / -0.05 | 60.00 | +0.12 / -0.00 | 13.00 | +0.30 / -0.00 |
| R041051060RA | 41.00        | +0.00 / -0.05 | 41.00                   | 51.00 | 6.00  | 41.00              | +0.00 / -0.05 | 51.00 | +0.12 / -0.00 | 7.00  | +0.30 / -0.00 |
| R042050050RA | 42.00        | +0.00 / -0.05 | 42.00                   | 50.00 | 5.00  | 42.00              | +0.00 / -0.05 | 50.00 | +0.10 / -0.00 | 5.70  | +0.30 / -0.00 |
| R042056100RA | 42.00        | +0.00 / -0.05 | 42.00                   | 56.00 | 10.00 | 42.00              | +0.00 / -0.05 | 56.00 | +0.12 / -0.00 | 11.00 | +0.30 / -0.00 |
| R043051050RA | 43.00        | +0.00 / -0.05 | 43.00                   | 51.00 | 5.00  | 43.00              | +0.00 / -0.05 | 51.00 | +0.12 / -0.00 | 5.70  | +0.30 / -0.00 |
| R043053060RA | 43.00        | +0.00 / -0.05 | 43.00                   | 53.00 | 6.00  | 43.00              | +0.00 / -0.05 | 53.00 | +0.12 / -0.00 | 7.00  | +0.30 / -0.00 |
| R045055060RA | 45.00        | +0.00 / -0.05 | 45.00                   | 55.00 | 6.00  | 45.00              | +0.00 / -0.05 | 55.00 | +0.12 / -0.00 | 7.00  | +0.30 / -0.00 |
| R045055070RA | 45.00        | +0.00 / -0.05 | 45.00                   | 55.00 | 7.00  | 45.00              | +0.00 / -0.05 | 55.00 | +0.12 / -0.00 | 8.00  | +0.30 / -0.00 |
| R045055080RA | 45.00        | +0.00 / -0.05 | 45.00                   | 55.00 | 8.00  | 45.00              | +0.00 / -0.05 | 55.00 | +0.12 / -0.00 | 9.00  | +0.30 / -0.00 |
| R045055100RA | 45.00        | +0.00 / -0.05 | 45.00                   | 55.00 | 10.00 | 45.00              | +0.00 / -0.05 | 55.00 | +0.12 / -0.00 | 11.00 | +0.30 / -0.00 |
| R045056070RA | 45.00        | +0.00 / -0.05 | 45.00                   | 56.00 | 7.00  | 45.00              | +0.00 / -0.05 | 56.00 | +0.12 / -0.00 | 8.00  | +0.30 / -0.00 |
| R045060090RA | 45.00        | +0.00 / -0.05 | 45.00                   | 60.00 | 9.00  | 45.00              | +0.00 / -0.05 | 60.00 | +0.12 / -0.00 | 10.00 | +0.30 / -0.00 |
| R045060100RA | 45.00        | +0.00 / -0.05 | 45.00                   | 60.00 | 10.00 | 45.00              | +0.00 / -0.05 | 60.00 | +0.12 / -0.00 | 11.00 | +0.30 / -0.00 |
| R045061100RA | 45.00        | +0.00 / -0.05 | 45.00                   | 61.00 | 10.00 | 45.00              | +0.00 / -0.05 | 61.00 | +0.12 / -0.00 | 11.00 | +0.30 / -0.00 |
| R045061120RA | 45.00        | +0.00 / -0.05 | 45.00                   | 61.00 | 12.00 | 45.00              | +0.00 / -0.05 | 61.00 | +0.12 / -0.00 | 13.00 | +0.30 / -0.00 |
| R045065120RA | 45.00        | +0.00 / -0.05 | 45.00                   | 65.00 | 12.00 | 45.00              | +0.00 / -0.05 | 65.00 | +0.12 / -0.00 | 13.00 | +0.30 / -0.00 |
| R047063120RA | 47.00        | +0.00 / -0.05 | 47.00                   | 63.00 | 12.00 | 47.00              | +0.00 / -0.05 | 63.00 | +0.12 / -0.00 | 13.00 | +0.30 / -0.00 |
| R048058060RA | 48.00        | +0.00 / -0.05 | 48.00                   | 58.00 | 6.00  | 48.00              | +0.00 / -0.05 | 58.00 | +0.12 / -0.00 | 7.00  | +0.30 / -0.00 |
| R049059060RA | 49.00        | +0.00 / -0.05 | 49.00                   | 59.00 | 6.00  | 49.00              | +0.00 / -0.05 | 59.00 | +0.12 / -0.00 | 7.00  | +0.30 / -0.00 |
| R050060060RA | 50.00        | +0.00 / -0.05 | 50.00                   | 60.00 | 6.00  | 50.00              | +0.00 / -0.05 | 60.00 | +0.12 / -0.00 | 7.00  | +0.30 / -0.00 |
| R050060080RA | 50.00        | +0.00 / -0.05 | 50.00                   | 60.00 | 8.00  | 50.00              | +0.00 / -0.05 | 60.00 | +0.12 / -0.00 | 9.00  | +0.30 / -0.00 |
| R050063080RA | 50.00        | +0.00 / -0.05 | 50.00                   | 63.00 | 8.00  | 50.00              | +0.00 / -0.05 | 63.00 | +0.12 / -0.00 | 9.00  | +0.30 / -0.00 |
| R050063100RA | 50.00        | +0.00 / -0.05 | 50.00                   | 63.00 | 10.00 | 50.00              | +0.00 / -0.05 | 63.00 | +0.12 / -0.00 | 11.00 | +0.30 / -0.00 |
| R050065090RA | 50.00        | +0.00 / -0.05 | 50.00                   | 65.00 | 9.00  | 50.00              | +0.00 / -0.05 | 65.00 | +0.12 / -0.00 | 10.00 | +0.30 / -0.00 |
| R050065100RA | 50.00        | +0.00 / -0.05 | 50.00                   | 65.00 | 10.00 | 50.00              | +0.00 / -0.05 | 65.00 | +0.12 / -0.00 | 11.00 | +0.30 / -0.00 |
| R050066100RA | 50.00        | +0.00 / -0.05 | 50.00                   | 66.00 | 10.00 | 50.00              | +0.00 / -0.05 | 66.00 | +0.12 / -0.00 | 11.00 | +0.30 / -0.00 |
| R050066120RA | 50.00        | +0.00 / -0.05 | 50.00                   | 66.00 | 12.00 | 50.00              | +0.00 / -0.05 | 66.00 | +0.12 / -0.00 | 13.00 | +0.30 / -0.00 |
| R050070120RA | 50.00        | +0.00 / -0.05 | 50.00                   | 70.00 | 12.00 | 50.00              | +0.00 / -0.05 | 70.00 | +0.12 / -0.00 | 13.00 | +0.30 / -0.00 |
| R052062060RA | 52.00        | +0.00 / -0.05 | 52.00                   | 62.00 | 6.00  | 52.00              | +0.00 / -0.05 | 62.00 | +0.12 / -0.00 | 7.00  | +0.30 / -0.00 |
| R053063060RA | 53.00        | +0.00 / -0.05 | 53.00                   | 63.00 | 6.00  | 53.00              | +0.00 / -0.05 | 63.00 | +0.12 / -0.00 | 7.00  | +0.30 / -0.00 |
| R053063080RA | 53.00        | +0.00 / -0.05 | 53.00                   | 63.00 | 8.00  | 53.00              | +0.00 / -0.05 | 63.00 | +0.12 / -0.00 | 9.00  | +0.30 / -0.00 |

NOTE: MINIMUM LINE ORDER MAY APPLY



## RA SERIES - AU 94A

**METRIC SIZE  
ROD SEALS**

| Ref.Number   | Rod diameter |             | Nominal Seal Dimensions |       |       | Housing Dimensions |             |       |             |       |             |
|--------------|--------------|-------------|-------------------------|-------|-------|--------------------|-------------|-------|-------------|-------|-------------|
|              |              | Tol.        | d                       | D     | H     | d1                 | Tol.        | D1    | Tol.        | H1    | Tol.        |
| R053069120RA | 53.00        | +0.00/-0.05 | 53.00                   | 69.00 | 12.00 | 53.00              | +0.00/-0.05 | 69.00 | +0.12/-0.00 | 13.00 | +0.30/-0.00 |
| R055065060RA | 55.00        | +0.00/-0.05 | 55.00                   | 65.00 | 6.00  | 55.00              | +0.00/-0.05 | 65.00 | +0.12/-0.00 | 7.00  | +0.30/-0.00 |
| R055065080RA | 55.00        | +0.00/-0.05 | 55.00                   | 65.00 | 8.00  | 55.00              | +0.00/-0.05 | 65.00 | +0.12/-0.00 | 9.00  | +0.30/-0.00 |
| R055068080RA | 55.00        | +0.00/-0.05 | 55.00                   | 68.00 | 8.00  | 55.00              | +0.00/-0.05 | 68.00 | +0.12/-0.00 | 9.00  | +0.30/-0.00 |
| R055068100RA | 55.00        | +0.00/-0.05 | 55.00                   | 68.00 | 10.00 | 55.00              | +0.00/-0.05 | 68.00 | +0.12/-0.00 | 11.00 | +0.30/-0.00 |
| R055070090RA | 55.00        | +0.00/-0.05 | 55.00                   | 70.00 | 9.00  | 55.00              | +0.00/-0.05 | 70.00 | +0.12/-0.00 | 10.00 | +0.30/-0.00 |
| R055070100RA | 55.00        | +0.00/-0.05 | 55.00                   | 70.00 | 10.00 | 55.00              | +0.00/-0.05 | 70.00 | +0.12/-0.00 | 11.00 | +0.30/-0.00 |
| R055071100RA | 55.00        | +0.00/-0.05 | 55.00                   | 71.00 | 10.00 | 55.00              | +0.00/-0.05 | 71.00 | +0.12/-0.00 | 11.00 | +0.30/-0.00 |
| R055075120RA | 55.00        | +0.00/-0.05 | 55.00                   | 75.00 | 12.00 | 55.00              | +0.00/-0.05 | 75.00 | +0.12/-0.00 | 13.00 | +0.30/-0.00 |
| R056064050RA | 56.00        | +0.00/-0.05 | 56.00                   | 64.00 | 5.00  | 56.00              | +0.00/-0.05 | 64.00 | +0.12/-0.00 | 5.70  | +0.30/-0.00 |
| R056066060RA | 56.00        | +0.00/-0.05 | 56.00                   | 66.00 | 6.00  | 56.00              | +0.00/-0.05 | 66.00 | +0.12/-0.00 | 7.00  | +0.30/-0.00 |
| R056068060RA | 56.00        | +0.00/-0.05 | 56.00                   | 68.00 | 6.00  | 56.00              | +0.00/-0.05 | 68.00 | +0.12/-0.00 | 7.00  | +0.30/-0.00 |
| R056071090RA | 56.00        | +0.00/-0.05 | 56.00                   | 71.00 | 9.00  | 56.00              | +0.00/-0.05 | 71.00 | +0.12/-0.00 | 10.00 | +0.30/-0.00 |
| R056071100RA | 56.00        | +0.00/-0.05 | 56.00                   | 71.00 | 10.00 | 56.00              | +0.00/-0.05 | 71.00 | +0.12/-0.00 | 11.00 | +0.30/-0.00 |
| R056072100RA | 56.00        | +0.00/-0.05 | 56.00                   | 72.00 | 10.00 | 56.00              | +0.00/-0.05 | 72.00 | +0.12/-0.00 | 11.00 | +0.30/-0.00 |
| R056076120RA | 56.00        | +0.00/-0.05 | 56.00                   | 76.00 | 12.00 | 56.00              | +0.00/-0.05 | 76.00 | +0.12/-0.00 | 13.00 | +0.30/-0.00 |
| R057065050RA | 57.00        | +0.00/-0.05 | 57.00                   | 65.00 | 5.00  | 57.00              | +0.00/-0.05 | 65.00 | +0.12/-0.00 | 5.70  | +0.30/-0.00 |
| R058068060RA | 58.00        | +0.00/-0.05 | 58.00                   | 68.00 | 6.00  | 58.00              | +0.00/-0.05 | 68.00 | +0.12/-0.00 | 7.00  | +0.30/-0.00 |
| R058070065RA | 58.00        | +0.00/-0.05 | 58.00                   | 70.00 | 6.50  | 58.00              | +0.00/-0.05 | 70.00 | +0.12/-0.00 | 7.50  | +0.30/-0.00 |
| R060070060RA | 60.00        | +0.00/-0.05 | 60.00                   | 70.00 | 6.00  | 60.00              | +0.00/-0.05 | 70.00 | +0.12/-0.00 | 7.00  | +0.30/-0.00 |
| R060070080RA | 60.00        | +0.00/-0.05 | 60.00                   | 70.00 | 8.00  | 60.00              | +0.00/-0.05 | 70.00 | +0.12/-0.00 | 9.00  | +0.30/-0.00 |
| R060071070RA | 60.00        | +0.00/-0.05 | 60.00                   | 71.00 | 7.00  | 60.00              | +0.00/-0.05 | 71.00 | +0.12/-0.00 | 8.00  | +0.30/-0.00 |
| R060073100RA | 60.00        | +0.00/-0.05 | 60.00                   | 73.00 | 10.00 | 60.00              | +0.00/-0.05 | 73.00 | +0.12/-0.00 | 11.00 | +0.30/-0.00 |
| R060075090RA | 60.00        | +0.00/-0.05 | 60.00                   | 75.00 | 9.00  | 60.00              | +0.00/-0.05 | 75.00 | +0.12/-0.00 | 10.00 | +0.30/-0.00 |
| R060075100RA | 60.00        | +0.00/-0.05 | 60.00                   | 75.00 | 10.00 | 60.00              | +0.00/-0.05 | 75.00 | +0.12/-0.00 | 11.00 | +0.30/-0.00 |
| R060075120RA | 60.00        | +0.00/-0.05 | 60.00                   | 75.00 | 12.00 | 60.00              | +0.00/-0.05 | 75.00 | +0.12/-0.00 | 13.00 | +0.30/-0.00 |
| R060076100RA | 60.00        | +0.00/-0.05 | 60.00                   | 76.00 | 10.00 | 60.00              | +0.00/-0.05 | 76.00 | +0.12/-0.00 | 11.00 | +0.30/-0.00 |
| R060076120RA | 60.00        | +0.00/-0.05 | 60.00                   | 76.00 | 12.00 | 60.00              | +0.00/-0.05 | 76.00 | +0.12/-0.00 | 13.00 | +0.30/-0.00 |
| R060080100RA | 60.00        | +0.00/-0.05 | 60.00                   | 80.00 | 10.00 | 60.00              | +0.00/-0.05 | 80.00 | +0.12/-0.00 | 11.00 | +0.30/-0.00 |
| R060080120RA | 60.00        | +0.00/-0.05 | 60.00                   | 80.00 | 12.00 | 60.00              | +0.00/-0.05 | 80.00 | +0.12/-0.00 | 13.00 | +0.30/-0.00 |
| R061071060RA | 61.00        | +0.00/-0.05 | 61.00                   | 71.00 | 6.00  | 61.00              | +0.00/-0.05 | 71.00 | +0.12/-0.00 | 7.00  | +0.30/-0.00 |
| R062072060RA | 62.00        | +0.00/-0.05 | 62.00                   | 72.00 | 6.00  | 62.00              | +0.00/-0.05 | 72.00 | +0.12/-0.00 | 7.00  | +0.30/-0.00 |
| R063073060RA | 63.00        | +0.00/-0.05 | 63.00                   | 73.00 | 6.00  | 63.00              | +0.00/-0.05 | 73.00 | +0.12/-0.00 | 7.00  | +0.30/-0.00 |
| R063073080RA | 63.00        | +0.00/-0.05 | 63.00                   | 73.00 | 8.00  | 63.00              | +0.00/-0.05 | 73.00 | +0.12/-0.00 | 9.00  | +0.30/-0.00 |
| R063078090RA | 63.00        | +0.00/-0.05 | 63.00                   | 78.00 | 9.00  | 63.00              | +0.00/-0.05 | 78.00 | +0.12/-0.00 | 10.00 | +0.30/-0.00 |
| R063078100RA | 63.00        | +0.00/-0.05 | 63.00                   | 78.00 | 10.00 | 63.00              | +0.00/-0.05 | 78.00 | +0.12/-0.00 | 11.00 | +0.30/-0.00 |
| R063079120RA | 63.00        | +0.00/-0.05 | 63.00                   | 79.00 | 12.00 | 63.00              | +0.00/-0.05 | 79.00 | +0.12/-0.00 | 13.00 | +0.30/-0.00 |
| R063083120RA | 63.00        | +0.00/-0.05 | 63.00                   | 83.00 | 12.00 | 63.00              | +0.00/-0.05 | 83.00 | +0.14/-0.00 | 13.00 | +0.30/-0.00 |
| R064080120RA | 64.00        | +0.00/-0.06 | 64.00                   | 80.00 | 12.00 | 64.00              | +0.00/-0.06 | 80.00 | +0.12/-0.00 | 13.00 | +0.30/-0.00 |
| R065075060RA | 65.00        | +0.00/-0.06 | 65.00                   | 75.00 | 6.00  | 65.00              | +0.00/-0.06 | 75.00 | +0.12/-0.00 | 7.00  | +0.30/-0.00 |
| R065075080RA | 65.00        | +0.00/-0.06 | 65.00                   | 75.00 | 8.00  | 65.00              | +0.00/-0.06 | 75.00 | +0.12/-0.00 | 9.00  | +0.30/-0.00 |
| R065078100RA | 65.00        | +0.00/-0.06 | 65.00                   | 78.00 | 10.00 | 65.00              | +0.00/-0.06 | 78.00 | +0.12/-0.00 | 11.00 | +0.30/-0.00 |
| R065080090RA | 65.00        | +0.00/-0.06 | 65.00                   | 80.00 | 9.00  | 65.00              | +0.00/-0.06 | 80.00 | +0.12/-0.00 | 10.00 | +0.30/-0.00 |
| R065080100RA | 65.00        | +0.00/-0.06 | 65.00                   | 80.00 | 10.00 | 65.00              | +0.00/-0.06 | 80.00 | +0.12/-0.00 | 11.00 | +0.30/-0.00 |
| R065085120RA | 65.00        | +0.00/-0.06 | 65.00                   | 85.00 | 12.00 | 65.00              | +0.00/-0.06 | 85.00 | +0.14/-0.00 | 13.00 | +0.30/-0.00 |
| R067077060RA | 67.00        | +0.00/-0.06 | 67.00                   | 77.00 | 6.00  | 67.00              | +0.00/-0.06 | 77.00 | +0.12/-0.00 | 7.00  | +0.30/-0.00 |
| R067082090RA | 67.00        | +0.00/-0.06 | 67.00                   | 82.00 | 9.00  | 67.00              | +0.00/-0.06 | 82.00 | +0.14/-0.00 | 10.00 | +0.30/-0.00 |

NOTE: MINIMUM LINE ORDER MAY APPLY



**RA SERIES - AU 94A**

| Ref.Number   | Rod diameter |             | Nominal Seal Dimensions |        |       | Housing Dimensions |             |        |             |       |             |
|--------------|--------------|-------------|-------------------------|--------|-------|--------------------|-------------|--------|-------------|-------|-------------|
|              |              | Tol.        | d                       | D      | H     | d1                 | Tol.        | D1     | Tol.        | H1    | Tol.        |
| R067087150RA | 67.00        | +0.00/-0.06 | 67.00                   | 87.00  | 15.00 | 67.00              | +0.00/-0.06 | 87.00  | +0.14/-0.00 | 16.00 | +0.30/-0.00 |
| R070080060RA | 70.00        | +0.00/-0.06 | 70.00                   | 80.00  | 6.00  | 70.00              | +0.00/-0.06 | 80.00  | +0.12/-0.00 | 7.00  | +0.30/-0.00 |
| R070080080RA | 70.00        | +0.00/-0.06 | 70.00                   | 80.00  | 8.00  | 70.00              | +0.00/-0.06 | 80.00  | +0.12/-0.00 | 9.00  | +0.30/-0.00 |
| R070083100RA | 70.00        | +0.00/-0.06 | 70.00                   | 83.00  | 10.00 | 70.00              | +0.00/-0.06 | 83.00  | +0.14/-0.00 | 11.00 | +0.30/-0.00 |
| R070085090RA | 70.00        | +0.00/-0.06 | 70.00                   | 85.00  | 9.00  | 70.00              | +0.00/-0.06 | 85.00  | +0.14/-0.00 | 10.00 | +0.30/-0.00 |
| R070085100RA | 70.00        | +0.00/-0.06 | 70.00                   | 85.00  | 10.00 | 70.00              | +0.00/-0.06 | 85.00  | +0.14/-0.00 | 11.00 | +0.30/-0.00 |
| R070090120RA | 70.00        | +0.00/-0.06 | 70.00                   | 90.00  | 12.00 | 70.00              | +0.00/-0.06 | 90.00  | +0.14/-0.00 | 13.00 | +0.30/-0.00 |
| R070090150RA | 70.00        | +0.00/-0.06 | 70.00                   | 90.00  | 15.00 | 70.00              | +0.00/-0.06 | 90.00  | +0.14/-0.00 | 16.00 | +0.30/-0.00 |
| R071080060RA | 71.00        | +0.00/-0.06 | 71.00                   | 80.00  | 6.00  | 71.00              | +0.00/-0.06 | 80.00  | +0.12/-0.00 | 7.00  | +0.30/-0.00 |
| R071081060RA | 71.00        | +0.00/-0.06 | 71.00                   | 81.00  | 6.00  | 71.00              | +0.00/-0.06 | 81.00  | +0.14/-0.00 | 7.00  | +0.30/-0.00 |
| R071081080RA | 71.00        | +0.00/-0.06 | 71.00                   | 81.00  | 8.00  | 71.00              | +0.00/-0.06 | 81.00  | +0.14/-0.00 | 9.00  | +0.30/-0.00 |
| R071086090RA | 71.00        | +0.00/-0.06 | 71.00                   | 86.00  | 9.00  | 71.00              | +0.00/-0.06 | 86.00  | +0.14/-0.00 | 10.00 | +0.30/-0.00 |
| R071086100RA | 71.00        | +0.00/-0.06 | 71.00                   | 86.00  | 10.00 | 71.00              | +0.00/-0.06 | 86.00  | +0.14/-0.00 | 11.00 | +0.30/-0.00 |
| R071091120RA | 71.00        | +0.00/-0.06 | 71.00                   | 91.00  | 12.00 | 71.00              | +0.00/-0.06 | 91.00  | +0.14/-0.00 | 13.00 | +0.30/-0.00 |
| R071091150RA | 71.00        | +0.00/-0.06 | 71.00                   | 91.00  | 15.00 | 71.00              | +0.00/-0.06 | 91.00  | +0.14/-0.00 | 16.00 | +0.30/-0.00 |
| R072087090RA | 72.00        | +0.00/-0.06 | 72.00                   | 87.00  | 9.00  | 72.00              | +0.00/-0.06 | 87.00  | +0.14/-0.00 | 10.00 | +0.30/-0.00 |
| R073085055RA | 73.00        | +0.00/-0.06 | 73.00                   | 85.00  | 5.50  | 73.00              | +0.00/-0.06 | 85.00  | +0.14/-0.00 | 6.50  | +0.30/-0.00 |
| R073088090RA | 73.00        | +0.00/-0.06 | 73.00                   | 88.00  | 9.00  | 73.00              | +0.00/-0.06 | 88.00  | +0.14/-0.00 | 10.00 | +0.30/-0.00 |
| R075085060RA | 75.00        | +0.00/-0.06 | 75.00                   | 85.00  | 6.00  | 75.00              | +0.00/-0.06 | 85.00  | +0.14/-0.00 | 7.00  | +0.30/-0.00 |
| R075085080RA | 75.00        | +0.00/-0.06 | 75.00                   | 85.00  | 8.00  | 75.00              | +0.00/-0.06 | 85.00  | +0.14/-0.00 | 9.00  | +0.30/-0.00 |
| R075085090RA | 75.00        | +0.00/-0.06 | 75.00                   | 85.00  | 9.00  | 75.00              | +0.00/-0.06 | 85.00  | +0.14/-0.00 | 10.00 | +0.30/-0.00 |
| R075088100RA | 75.00        | +0.00/-0.06 | 75.00                   | 88.00  | 10.00 | 75.00              | +0.00/-0.06 | 88.00  | +0.14/-0.00 | 11.00 | +0.30/-0.00 |
| R075090090RA | 75.00        | +0.00/-0.06 | 75.00                   | 90.00  | 9.00  | 75.00              | +0.00/-0.06 | 90.00  | +0.14/-0.00 | 10.00 | +0.30/-0.00 |
| R075090100RA | 75.00        | +0.00/-0.06 | 75.00                   | 90.00  | 10.00 | 75.00              | +0.00/-0.06 | 90.00  | +0.14/-0.00 | 11.00 | +0.30/-0.00 |
| R075095120RA | 75.00        | +0.00/-0.06 | 75.00                   | 95.00  | 12.00 | 75.00              | +0.00/-0.06 | 95.00  | +0.14/-0.00 | 13.00 | +0.30/-0.00 |
| R075095150RA | 75.00        | +0.00/-0.06 | 75.00                   | 95.00  | 15.00 | 75.00              | +0.00/-0.06 | 95.00  | +0.14/-0.00 | 16.00 | +0.30/-0.00 |
| R076088055RA | 76.00        | +0.00/-0.06 | 76.00                   | 88.00  | 5.50  | 76.00              | +0.00/-0.06 | 88.00  | +0.14/-0.00 | 6.50  | +0.30/-0.00 |
| R080090060RA | 80.00        | +0.00/-0.09 | 80.00                   | 90.00  | 6.00  | 80.00              | +0.00/-0.09 | 90.00  | +0.14/-0.00 | 7.00  | +0.30/-0.00 |
| R080090080RA | 80.00        | +0.00/-0.09 | 80.00                   | 90.00  | 8.00  | 80.00              | +0.00/-0.09 | 90.00  | +0.14/-0.00 | 9.00  | +0.30/-0.00 |
| R080093090RA | 80.00        | +0.00/-0.09 | 80.00                   | 93.00  | 9.00  | 80.00              | +0.00/-0.09 | 93.00  | +0.14/-0.00 | 10.00 | +0.30/-0.00 |
| R080093100RA | 80.00        | +0.00/-0.09 | 80.00                   | 93.00  | 10.00 | 80.00              | +0.00/-0.09 | 93.00  | +0.14/-0.00 | 11.00 | +0.30/-0.00 |
| R080095090RA | 80.00        | +0.00/-0.09 | 80.00                   | 95.00  | 9.00  | 80.00              | +0.00/-0.09 | 95.00  | +0.14/-0.00 | 10.00 | +0.30/-0.00 |
| R080095100RA | 80.00        | +0.00/-0.09 | 80.00                   | 95.00  | 10.00 | 80.00              | +0.00/-0.09 | 95.00  | +0.14/-0.00 | 11.00 | +0.30/-0.00 |
| R080095120RA | 80.00        | +0.00/-0.09 | 80.00                   | 95.00  | 12.00 | 80.00              | +0.00/-0.09 | 95.00  | +0.14/-0.00 | 13.00 | +0.30/-0.00 |
| R080100120RA | 80.00        | +0.00/-0.09 | 80.00                   | 100.00 | 12.00 | 80.00              | +0.00/-0.09 | 100.00 | +0.14/-0.00 | 13.00 | +0.30/-0.00 |
| R080100150RA | 80.00        | +0.00/-0.09 | 80.00                   | 100.00 | 15.00 | 80.00              | +0.00/-0.09 | 100.00 | +0.14/-0.00 | 16.00 | +0.30/-0.00 |
| R085100090RA | 85.00        | +0.00/-0.09 | 85.00                   | 100.00 | 9.00  | 85.00              | +0.00/-0.09 | 100.00 | +0.14/-0.00 | 10.00 | +0.30/-0.00 |
| R085100100RA | 85.00        | +0.00/-0.09 | 85.00                   | 100.00 | 10.00 | 85.00              | +0.00/-0.09 | 100.00 | +0.14/-0.00 | 11.00 | +0.30/-0.00 |
| R085105120RA | 85.00        | +0.00/-0.09 | 85.00                   | 105.00 | 12.00 | 85.00              | +0.00/-0.09 | 105.00 | +0.14/-0.00 | 13.00 | +0.30/-0.00 |
| R085105150RA | 85.00        | +0.00/-0.09 | 85.00                   | 105.00 | 15.00 | 85.00              | +0.00/-0.09 | 105.00 | +0.14/-0.00 | 16.00 | +0.30/-0.00 |
| R090100060RA | 90.00        | +0.00/-0.09 | 90.00                   | 100.00 | 6.00  | 90.00              | +0.00/-0.09 | 100.00 | +0.14/-0.00 | 7.00  | +0.30/-0.00 |
| R090105090RA | 90.00        | +0.00/-0.09 | 90.00                   | 105.00 | 9.00  | 90.00              | +0.00/-0.09 | 105.00 | +0.14/-0.00 | 10.00 | +0.30/-0.00 |
| R090105100RA | 90.00        | +0.00/-0.09 | 90.00                   | 105.00 | 10.00 | 90.00              | +0.00/-0.09 | 105.00 | +0.14/-0.00 | 11.00 | +0.30/-0.00 |
| R090110120RA | 90.00        | +0.00/-0.09 | 90.00                   | 110.00 | 12.00 | 90.00              | +0.00/-0.09 | 110.00 | +0.14/-0.00 | 13.00 | +0.30/-0.00 |
| R090110130RA | 90.00        | +0.00/-0.09 | 90.00                   | 110.00 | 13.00 | 90.00              | +0.00/-0.09 | 110.00 | +0.14/-0.00 | 14.00 | +0.30/-0.00 |
| R090110150RA | 90.00        | +0.00/-0.09 | 90.00                   | 110.00 | 15.00 | 90.00              | +0.00/-0.09 | 110.00 | +0.14/-0.00 | 16.00 | +0.30/-0.00 |
| R092107090RA | 92.00        | +0.00/-0.09 | 92.00                   | 107.00 | 9.00  | 92.00              | +0.00/-0.09 | 107.00 | +0.14/-0.00 | 10.00 | +0.30/-0.00 |

NOTE: MINIMUM LINE ORDER MAY APPLY

