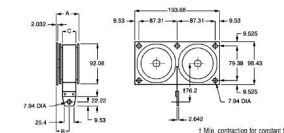




# MBA

## Spring Assemblies - Twin - RINO



Spring: Stainless Steel 301 S21 Grade.

Other Parts: Pressed Mild Steel, Zinc Plate and clear passivated.

Temp Max 200 Deg C / Min -200 Deg C.

Constant force extension springs provide a huge range of application opportunities.

Springs can be extended in excess of 50 times the relaxed length of the spring.

This catalogue to be read in conjunction with information at <http://www.minibearings.com.au/ogue/tech/springs/srsabb.pdf>

### Spring Assemblies - Twin - RINO

| Part Number | Spring Width (C) mm<br><i>inches</i> | Assembly Width (A) mm<br><i>inches</i> | Edge to Centre (B) mm<br><i>inches</i> | Load +/- 10% N | Load +/- 10% KG | Extension mm<br><i>inches</i> | Average Fatigue Life Cycles |
|-------------|--------------------------------------|--|--|----------------|-----------------|-------------------------------|-----------------------------|
| # SA257     | 25.40<br><i>1.000</i>                | 35.81<br><i>1.410</i>                  | 20.57<br><i>0.810</i>                  | 20.000         | 2.0             | 915<br><i>36.024</i>          | 40000                       |
| # SA260     | 25.40<br><i>1.000</i>                | 35.81<br><i>1.410</i>                  | 20.57<br><i>0.810</i>                  | 37.000         | 3.8             | 1524<br><i>60.000</i>         | 40000                       |
| # SA264     | 25.40<br><i>1.000</i>                | 35.81<br><i>1.410</i>                  | 20.57<br><i>0.810</i>                  | 60.500         | 6.2             | 1524<br><i>60.000</i>         | 15000                       |

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## Spring Assemblies - Twin - RINO

| Part Number | Spring Width (C) mm<br><i>inches</i> | Assembly Width (A)<br>mm<br><i>inches</i> | Edge to Centre (B)<br>mm<br><i>inches</i> | Load +/- 10% N | Load +/- 10% KG | Extension mm<br><i>inches</i> | Average Fatigue Life<br>Cycles |
|-------------|--------------------------------------|---|---|----------------|-----------------|-------------------------------|--------------------------------|
| # SA259     | 25.40<br><i>1.000</i>                | 35.81<br><i>1.410</i>                     | 20.57<br><i>0.810</i>                     | 32.100         | 3.3             | 1321<br><i>52.008</i>         | 40000                          |
| # SA258     | 25.40<br><i>1.000</i>                | 35.81<br><i>1.410</i>                     | 20.57<br><i>0.810</i>                     | 27.600         | 2.8             | 1118<br><i>44.016</i>         | 40000                          |
| # SA262     | 25.40<br><i>1.000</i>                | 35.81<br><i>1.410</i>                     | 20.57<br><i>0.810</i>                     | 48.100         | 4.9             | 1321<br><i>52.008</i>         | 15000                          |
| # SA267     | 38.10<br><i>1.500</i>                | 48.51<br><i>1.910</i>                     | 26.92<br><i>1.060</i>                     | 140.600        | 14.3            | 2235<br><i>87.992</i>         | 15000                          |
| # SA266     | 38.10<br><i>1.500</i>                | 48.51<br><i>1.910</i>                     | 26.92<br><i>1.060</i>                     | 90.800         | 9.3             | 1524<br><i>60.000</i>         | 15000                          |
| # SA263     | 38.10<br><i>1.500</i>                | 48.51<br><i>1.910</i>                     | 26.92<br><i>1.060</i>                     | 56.100         | 5.7             | 1524<br><i>60.000</i>         | 40000                          |
| # SA270     | 38.10<br><i>1.500</i>                | 48.51<br><i>1.910</i>                     | 26.92<br><i>1.060</i>                     | 206.400        | 21.0            | 2235<br><i>87.992</i>         | 5000                           |
| # SA261     | 38.10<br><i>1.500</i>                | 48.51<br><i>1.910</i>                     | 26.92<br><i>1.060</i>                     | 41.400         | 4.2             | 1118<br><i>44.016</i>         | 40000                          |
| # SA269     | 50.80<br><i>2.000</i>                | 61.21<br><i>2.410</i>                     | 33.27<br><i>1.310</i>                     | 186.900        | 19.1            | 2235<br><i>87.992</i>         | 15000                          |
| # SA268     | 50.80<br><i>2.000</i>                | 61.21<br><i>2.410</i>                     | 33.27<br><i>1.310</i>                     | 160.100        | 16.3            | 1930<br><i>75.984</i>         | 15000                          |

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## Spring Assemblies - Twin - RINO

| Part Number | Spring Width (C) mm<br><i>inches</i> | Assembly Width (A)<br>mm<br><i>inches</i> | Edge to Centre (B)<br>mm<br><i>inches</i> | Load +/- 10% N | Load +/- 10% KG | Extension mm<br><i>inches</i> | Average Fatigue Life<br>Cycles |
|-------------|--------------------------------------|---|---|----------------|-----------------|-------------------------------|--------------------------------|
| # SA271     | 50.80<br><i>2.000</i>                | 61.21<br><i>2.410</i>                     | 33.27<br><i>1.310</i>                     | 275.900        | 28.1            | 2235<br><i>87.992</i>         | 5000                           |
| # SA265     | 50.80<br><i>2.000</i>                | 61.21<br><i>2.410</i>                     | 33.27<br><i>1.310</i>                     | 64.500         | 6.6             | 1321<br><i>52.008</i>         | 40000                          |

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