

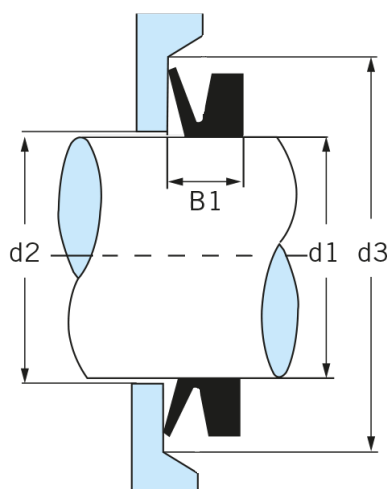
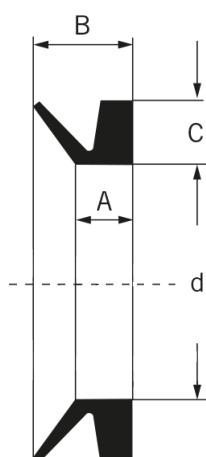
## ERIKS V-ring type A



The ERIKS V-ring type A with an upright rear face is used as an axial shaft seal for pressureless applications. This product has a relatively short installation length. The seal is a tight fit around the shaft in your application. The flexible sealing lip seals against a machined surface perpendicular to the shaft. The V-ring seal type A keeps dirt, dust and splashing water from entering your system. This V-ring seal is available in EPDM, FKM, HNBR and NBR. Note that NBR is not resistant to UV radiation and ozone. Are you looking for a smaller product? Choose the ERIKS V-ring type L. Or, if you need a larger seal, choose the type S or E.

### Characteristics

Type: A



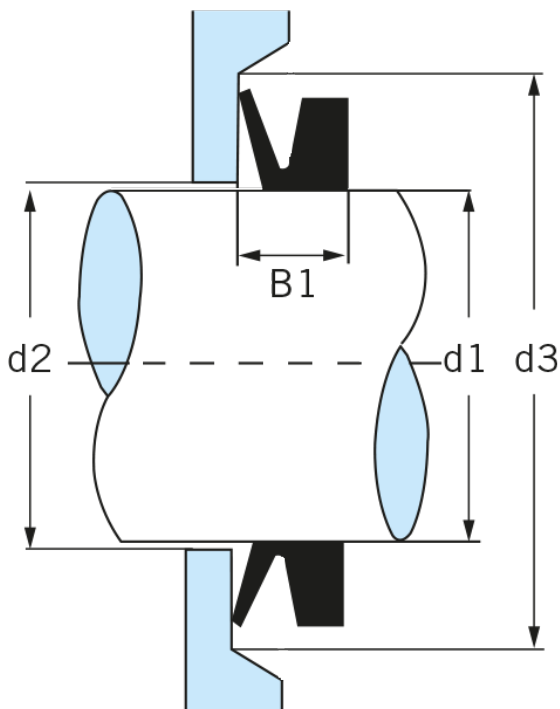
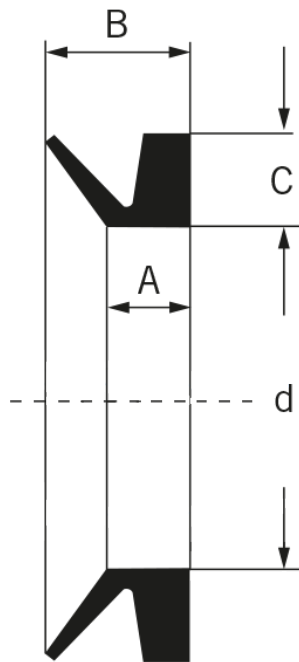
Size table:

| Designation | d1<br>mm    | d<br>mm | C<br>mm | A<br>mm | B<br>mm | d2<br>(max)<br>mm | d3<br>(min)<br>mm | B1<br>mm  |
|-------------|-------------|---------|---------|---------|---------|-------------------|-------------------|-----------|
| V-3A        | 2.7 - 3.5   | 2.5     | 1.5     | 2.1     | 3       | d1 + 1            | d1 + 4            | 2.5 ± 0.3 |
| V-4A        | 3.5 - 4.5   | 3.2     | 2       | 2.4     | 3.7     | d1 + 1            | d1 + 6            | 3.0 ± 0.4 |
| V-6A        | 5.5 - 6.5   | 5       | 2       | 2.4     | 3.7     | d1 + 1            | d1 + 6            | 3.0 ± 0.4 |
| V-7A        | 6.5 - 8.0   | 6       | 2       | 2.4     | 3.7     | d1 + 1            | d1 + 6            | 3.0 ± 0.4 |
| V-8A        | 8.0 - 9.5   | 7       | 2       | 2.4     | 3.7     | d1 + 1            | d1 + 6            | 3.0 ± 0.4 |
| V-10A       | 9.5 - 11.5  | 9       | 3       | 3.4     | 5.5     | d1 + 2            | d1 + 9            | 4.5 ± 0.6 |
| V-12A       | 11.5 - 12.5 | 10.5    | 3       | 3.4     | 5.5     | d1 + 2            | d1 + 9            | 4.5 ± 0.6 |
| V-14A       | 13.5 - 15.5 | 12.5    | 3       | 3.4     | 5.5     | d1 + 2            | d1 + 9            | 4.5 ± 0.6 |
| V-16A       | 15.5 - 17.5 | 14      | 3       | 3.4     | 5.5     | d1 + 2            | d1 + 9            | 4.5 ± 0.6 |
| V-18A       | 17.5 - 19.0 | 16      | 3       | 3.4     | 5.5     | d1 + 2            | d1 + 12           | 6.0 ± 0.8 |
| V-20A       | 19 - 21     | 18      | 4       | 4.7     | 7.5     | d1 + 2            | d1 + 12           | 6.0 ± 0.8 |
| V-22A       | 21 - 24     | 20      | 4       | 4.7     | 7.5     | d1 + 2            | d1 + 12           | 6.0 ± 0.8 |
| V-25A       | 24 - 27     | 22      | 4       | 4.7     | 7.5     | d1 + 2            | d1 + 12           | 6.0 ± 0.8 |
| V-28A       | 27 - 29     | 25      | 4       | 4.7     | 7.5     | d1 + 3            | d1 + 12           | 6.0 ± 0.8 |

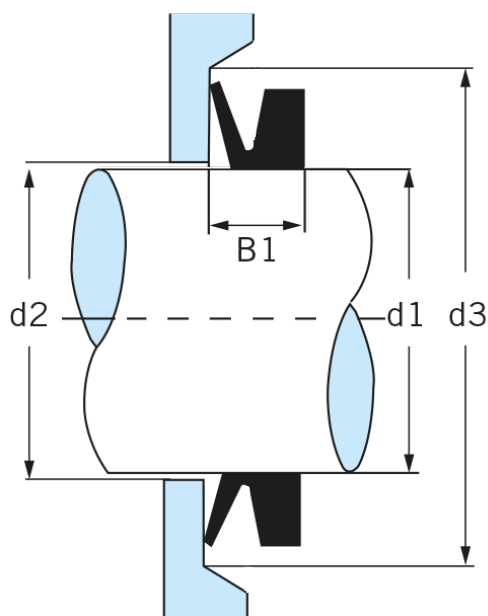
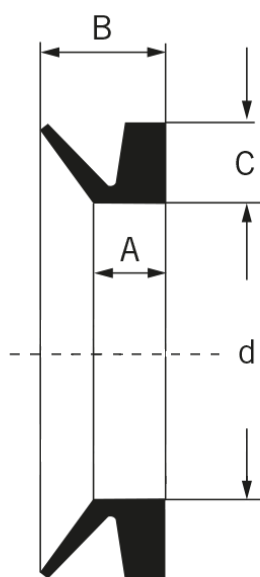
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Size table:

| Designation | d1        | d   | C  | A    | B    | d2<br>[max] | d3<br>[min] | B1            |
|-------------|-----------|-----|----|------|------|-------------|-------------|---------------|
| V-30A       | 29 - 31   | 27  | 4  | 4.7  | 7.5  | d1 + 3      | d1 + 12     | 6.0<br>± 0.8  |
| V-32A       | 31 - 33   | 29  | 4  | 4.7  | 7.5  | d1 + 3      | d1 + 12     | 6.0<br>± 0.8  |
| V-35A       | 33 - 36   | 31  | 4  | 4.7  | 7.5  | d1 + 3      | d1 + 12     | 6.0<br>± 0.8  |
| V-38A       | 36 - 38   | 34  | 4  | 4.7  | 7.5  | d1 + 3      | d1 + 12     | 6.0<br>± 0.8  |
| V-40A       | 38 - 43   | 36  | 5  | 5.5  | 9    | d1 + 3      | d1 + 15     | 7.0 ± 1.0     |
| V-45A       | 43 - 48   | 40  | 5  | 5.5  | 9    | d1 + 3      | d1 + 15     | 7.0 ± 1.0     |
| V-50A       | 48 - 53   | 45  | 5  | 5.5  | 9    | d1 + 3      | d1 + 15     | 7.0 ± 1.0     |
| V-55A       | 53 - 58   | 49  | 5  | 5.5  | 9    | d1 + 3      | d1 + 15     | 7.0 ± 1.0     |
| V-60A       | 58 - 63   | 54  | 5  | 5.5  | 9    | d1 + 3      | d1 + 15     | 7.0 ± 1.0     |
| V-65A       | 63 - 68   | 58  | 5  | 5.5  | 9    | d1 + 3      | d1 + 15     | 7.0 ± 1.0     |
| V-70A       | 86 - 73   | 63  | 6  | 6.8  | 11   | d1 + 4      | d1 + 18     | 9.0 ± 1.2     |
| V-75A       | 73 - 78   | 67  | 6  | 6.8  | 11   | d1 + 4      | d1 + 18     | 9.0 ± 1.2     |
| V-80A       | 78 - 83   | 72  | 6  | 6.8  | 11   | d1 + 4      | d1 + 18     | 9.0 ± 1.2     |
| V-85A       | 83 - 88   | 76  | 6  | 6.8  | 11   | d1 + 4      | d1 + 18     | 9.0 ± 1.2     |
| V-90A       | 88 - 93   | 81  | 6  | 6.8  | 11   | d1 + 4      | d1 + 18     | 9.0 ± 1.2     |
| V-95A       | 93 - 98   | 85  | 6  | 6.8  | 11   | d1 + 4      | d1 + 18     | 9.0 ± 1.2     |
| V-100A      | 98 - 105  | 90  | 6  | 6.8  | 11   | d1 + 4      | d1 + 18     | 9.0 ± 1.2     |
| V-110A      | 105 - 115 | 99  | 7  | 7.9  | 12.8 | d1 + 4      | d1 + 21     | 10.5<br>± 1.5 |
| V-120A      | 115 - 125 | 108 | 7  | 7.9  | 12.8 | d1 + 4      | d1 + 21     | 10.5<br>± 1.5 |
| V-130A      | 125 - 135 | 117 | 7  | 7.9  | 12.8 | d1 + 4      | d1 + 21     | 10.5<br>± 1.5 |
| V-140A      | 135 - 145 | 126 | 7  | 7.9  | 12.8 | d1 + 4      | d1 + 21     | 10.5<br>± 1.5 |
| V-150A      | 145 - 155 | 135 | 7  | 7.9  | 12.8 | d1 + 4      | d1 + 21     | 10.5<br>± 1.5 |
| V-160A      | 155 - 165 | 144 | 8  | 9    | 14.5 | d1 + 5      | d1 + 24     | 12.0<br>± 1.8 |
| V-170A      | 165 - 175 | 153 | 8  | 9    | 14.5 | d1 + 5      | d1 + 24     | 12.0<br>± 1.8 |
| V-180A      | 175 - 185 | 162 | 8  | 9    | 14.5 | d1 + 5      | d1 + 24     | 12.0<br>± 1.8 |
| V-190A      | 185 - 195 | 171 | 8  | 9    | 14.5 | d1 + 5      | d1 + 24     | 12.0<br>± 1.8 |
| V-199A      | 195 - 210 | 180 | 8  | 9    | 14.5 | d1 + 5      | d1 + 24     | 12.0<br>± 1.8 |
| V-200A      | 190 - 210 | 180 | 15 | 14.3 | 25   | d1 + 10     | d1 + 45     | 20.0<br>± 4.0 |
| V-220A      | 210 - 235 | 198 | 15 | 14.3 | 25   | d1 + 10     | d1 + 45     | 20.0<br>± 4.0 |
| V-250A      | 235 - 265 | 225 | 15 | 14.3 | 25   | d1 + 10     | d1 + 45     | 20.0<br>± 4.0 |



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Size table:

| Designation | d1         | d   | C  | A    | B  | d2<br>[max] | d3<br>[min] | B1         |
|-------------|------------|-----|----|------|----|-------------|-------------|------------|
| V-275A      | 265 - 290  | 247 | 15 | 14.3 | 25 | d1 + 10     | d1 + 45     | 20.0 ± 4.0 |
| V-300A      | 290 - 310  | 270 | 15 | 14.3 | 25 | d1 + 10     | d1 + 45     | 20.0 ± 4.0 |
| V-325A      | 310 - 335  | 292 | 15 | 14.3 | 25 | d1 + 10     | d1 + 45     | 20.0 ± 4.0 |
| V-350A      | 335 - 365  | 315 | 15 | 14.3 | 25 | d1 + 10     | d1 + 45     | 20.0 ± 4.0 |
| V-375A      | 365 - 390  | 337 | 15 | 14.3 | 25 | d1 + 10     | d1 + 45     | 20.0 ± 4.0 |
| V-400A      | 390 - 430  | 360 | 15 | 14.3 | 25 | d1 + 10     | d1 + 45     | 20.0 ± 4.0 |
| V-450A      | 430 - 480  | 405 | 15 | 14.3 | 25 | d1 + 10     | d1 + 45     | 20.0 ± 4.0 |
| V-500A      | 480 - 530  | 450 | 15 | 14.3 | 25 | d1 + 10     | d1 + 45     | 20.0 ± 4.0 |
| V-550A      | 530 - 580  | 495 | 15 | 14.3 | 25 | d1 + 10     | d1 + 45     | 20.0 ± 4.0 |
| V-600A      | 580 - 630  | 540 | 15 | 14.3 | 25 | d1 + 10     | d1 + 45     | 20.0 ± 4.0 |
| V-650A      | 630 - 665  | 600 | 15 | 14.3 | 25 | d1 + 10     | d1 + 45     | 20.0 ± 4.0 |
| V-700A      | 665 - 705  | 630 | 15 | 14.3 | 25 | d1 + 10     | d1 + 45     | 20.0 ± 4.0 |
| V-750A      | 745 - 785  | 705 | 15 | 14.3 | 25 | d1 + 10     | d1 + 45     | 20.0 ± 4.0 |
| V-800A      | 785 - 830  | 745 | 15 | 14.3 | 25 | d1 + 10     | d1 + 45     | 20.0 ± 4.0 |
| V-850A      | 830 - 875  | 785 | 15 | 14.3 | 25 | d1 + 10     | d1 + 45     | 20.0 ± 4.0 |
| V-900A      | 875 - 920  | 825 | 15 | 14.3 | 25 | d1 + 10     | d1 + 45     | 20.0 ± 4.0 |
| V-950A      | 920 - 965  | 865 | 15 | 14.3 | 25 | d1 + 10     | d1 + 45     | 20.0 ± 4.0 |
| V-1000A     | 965 - 1015 | 910 | 15 | 14.3 | 25 | d1 + 10     | d1 + 45     | 20.0 ± 4.0 |

| Designation | Material | Temperature<br>°C | Article    |
|-------------|----------|-------------------|------------|
| V-3A        | NBR      | -35 / 100         | V0003A-NBR |
| V-4A        | NBR      | -35 / 100         | V0004A-NBR |
| V-6A        | NBR      | -35 / 100         | V0006A-NBR |
| V-7A        | NBR      | -35 / 100         | V0007A-NBR |
| V-8A        | NBR      | -35 / 100         | V0008A-NBR |
| V-10A       | NBR      | -35 / 100         | V0010A-NBR |
| V-12A       | NBR      | -35 / 100         | V0012A-NBR |
| V-14A       | NBR      | -35 / 100         | V0014A-NBR |
| V-16A       | NBR      | -35 / 100         | V0016A-NBR |
| V-18A       | NBR      | -35 / 100         | V0018A-NBR |
| V-20A       | NBR      | -35 / 100         | V0020A-NBR |

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| Designation | Material | Temperature<br>°C | Article    |
|-------------|----------|-------------------|------------|
| V-22A       | NBR      | -35 / 100         | V0022A-NBR |
| V-25A       | FKM      | -25 / 200         | V0025A-FKM |
| V-25A       | NBR      | -35 / 100         | V0025A-NBR |
| V-28A       | NBR      | -35 / 100         | V0028A-NBR |
| V-30A       | NBR      | -35 / 100         | V0030A-NBR |
| V-32A       | NBR      | -35 / 100         | V0032A-NBR |
| V-35A       | NBR      | -35 / 100         | V0035A-NBR |
| V-38A       | NBR      | -35 / 100         | V0038A-NBR |
| V-40A       | NBR      | -35 / 100         | V0040A-NBR |
| V-45A       | NBR      | -35 / 100         | V0045A-NBR |
| V-50A       | FKM      | -25 / 200         | V0050A-FKM |
| V-50A       | NBR      | -35 / 100         | V0050A-NBR |
| V-55A       | NBR      | -35 / 100         | V0055A-NBR |
| V-60A       | FKM      | -25 / 200         | V0060A-FKM |
| V-60A       | NBR      | -35 / 100         | V0060A-NBR |
| V-65A       | NBR      | -35 / 100         | V0065A-NBR |
| V-70A       | NBR      | -35 / 100         | V0070A-NBR |
| V-75A       | NBR      | -35 / 100         | V0075A-NBR |
| V-80A       | NBR      | -35 / 100         | V0080A-NBR |
| V-85A       | NBR      | -35 / 100         | V0085A-NBR |
| V-90A       | NBR      | -35 / 100         | V0090A-NBR |
| V-95A       | NBR      | -35 / 100         | V0095A-NBR |
| V-100A      | NBR      | -35 / 100         | V0100A-NBR |
| V-110A      | NBR      | -35 / 100         | V0110A-NBR |
| V-120A      | NBR      | -35 / 100         | V0120A-NBR |
| V-130A      | NBR      | -35 / 100         | V0130A-NBR |
| V-140A      | NBR      | -35 / 100         | V0140A-NBR |
| V-150A      | NBR      | -35 / 100         | V0150A-NBR |
| V-160A      | NBR      | -35 / 100         | V0160A-NBR |
| V-170A      | NBR      | -35 / 100         | V0170A-NBR |
| V-180A      | NBR      | -35 / 100         | V0180A-NBR |
| V-190A      | NBR      | -35 / 100         | V0190A-NBR |
| V-199A      | NBR      | -35 / 100         | V0199A-NBR |
| V-200A      | NBR      | -35 / 100         | V0200A-NBR |
| V-220A      | NBR      | -35 / 100         | V0220A-NBR |
| V-250A      | NBR      | -35 / 100         | V0250A-NBR |
| V-275A      | NBR      | -35 / 100         | V0275A-NBR |
| V-300A      | NBR      | -35 / 100         | V0300A-NBR |
| V-325A      | NBR      | -35 / 100         | V0325A-NBR |
| V-350A      | NBR      | -35 / 100         | V0350A-NBR |
| V-375A      | NBR      | -35 / 100         | V0375A-NBR |
| V-400A      | NBR      | -35 / 100         | V0400A-NBR |
| V-450A      | NBR      | -35 / 100         | V0450A-NBR |
| V-500A      | NBR      | -35 / 100         | V0500A-NBR |
| V-550A      | NBR      | -35 / 100         | V0550A-NBR |
| V-600A      | NBR      | -35 / 100         | V0600A-NBR |
| V-650A      | NBR      | -35 / 100         | V0650A-NBR |
| V-700A      | NBR      | -35 / 100         | V0700A-NBR |
|             | NBR      |                   | V0725A-NBR |
| V-750A      | NBR      | -35 / 100         | V0750A-NBR |
| V-800A      | NBR      | -35 / 100         | V0800A-NBR |
| V-850A      | NBR      | -35 / 100         | V0850A-NBR |
| V-900A      | NBR      | -35 / 100         | V0900A-NBR |

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|-------------|----------|-------------------|------------|
| V-950A      | NBR      | -35 / 100         | V0950A-NBR |
| V-1000A     | NBR      | -35 / 100         | V1000A-NBR |

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