

|   |        |        |        |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
|---|--------|--------|--------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Deformaciones Verticales                            | 0,0000 | 0,0250 | 0,0500 | 0,0750 | 0,1000  | 0,1250  | 0,1500  | 0,1750  | 0,2000  | 0,2250  | 0,2500  | 0,2750  | 0,3000  | 0,3250  | 0,3500  | 0,3750  | 0,4000  | 0,4250  | 0,4500  | 0,4750  | 0,5000  | 0,5250  | 0,5500  | 0,5750  | 0,6000  | 0,6250  | 0,6500  | 0,6750  | 0,7000  | 0,7250  | 0,7500  | 0,7750  |
| Deformaciones Unitarias (Dv/H)                      | 0,0000 | 0,0036 | 0,0071 | 0,0107 | 0,0143  | 0,0179  | 0,0214  | 0,0250  | 0,0286  | 0,0321  | 0,0357  | 0,0393  | 0,0429  | 0,0464  | 0,0500  | 0,0536  | 0,0571  | 0,0607  | 0,0643  | 0,0679  | 0,0714  | 0,0750  | 0,0786  | 0,0821  | 0,0857  | 0,0893  | 0,0929  | 0,0964  | 0,1000  | 0,1036  | 0,1071  | 0,1107  |
| Area Corregida ((A/(Dv/H))                          | 9,6200 | 9,6545 | 9,6892 | 9,7242 | 9,7594  | 9,7949  | 9,8307  | 9,8667  | 9,9029  | 9,9395  | 9,9763  | 10,0134 | 10,0507 | 10,0884 | 10,1263 | 10,1645 | 10,2030 | 10,2418 | 10,2809 | 10,3203 | 10,3600 | 10,4000 | 10,4403 | 10,4809 | 10,5219 | 10,5631 | 10,6047 | 10,6466 | 10,6889 | 10,7315 | 10,7744 | 10,8177 |
| Lectura deform. del aro de carga (ingreso de datos) | 0,0000 | 2,0000 | 5,0000 | 8,0000 | 12,0000 | 16,5000 | 20,0000 | 23,8000 | 26,5000 | 28,5000 | 30,0000 | 31,2000 | 32,2000 | 33,5000 | 34,2000 | 34,9000 | 35,6000 | 35,9000 | 36,8000 | 37,3000 | 37,8000 | 38,5000 | 38,8000 | 39,2000 | 39,9000 | 39,9000 | 39,9000 |         |         |         |         |         |
| Carga aplicada (Lect. x factor aro)                 | 0,0000 | 1,0520 | 2,6300 | 4,2080 | 6,3120  | 8,6790  | 10,5200 | 12,5188 | 13,9390 | 14,9910 | 15,7800 | 16,4112 | 16,9372 | 17,6210 | 17,9892 | 18,3574 | 18,7256 | 18,8834 | 19,3568 | 19,6198 | 19,8828 | 20,2510 | 20,4088 | 20,6192 | 20,9874 | 20,9874 | 20,9874 | 0,0000  | 0,0000  | 0,0000  | 0,0000  |         |
| Presión axial                                       | 0,0000 | 0,1090 | 0,2714 | 0,4327 | 0,6468  | 0,8861  | 1,0701  | 1,2688  | 1,4076  | 1,5082  | 1,5817  | 1,6389  | 1,6852  | 1,7467  | 1,7765  | 1,8060  | 1,8353  | 1,8438  | 1,8828  | 1,9011  | 1,9192  | 1,9472  | 1,9548  | 1,9673  | 1,9946  | 1,9869  | 1,9791  | 0,0000  | 0,0000  | 0,0000  | 0,0000  |         |

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|--|--------|--------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| <b>Lectura deform. del aro de carga (ingreso de datos)</b> | 0,0000 | 4,0000 | 7,2000 | 12,5000 | 18,2000 | 22,5000 | 26,1000 | 29,8000 | 33,5000 | 35,8000 | 38,2000 | 41,8000 | 43,2000 | 45,1000 | 47,0000 | 49,1000 | 50,0000 | 51,2000 | 52,1000 | 53,1000 | 54,2000 | 55,1000 | 56,0000 | 57,3000 | 58,2000 | 59,3000 | 60,1000 | 61,2000 | 62,0000 | 63,1000 | 64,0000 | 64,8000 |
| Carga aplicada (Lect. x factor aro)                        | 0,0000 | 2,1040 | 3,7872 | 6,5750  | 9,5732  | 11,8350 | 13,7286 | 15,6748 | 17,6210 | 18,8308 | 20,0932 | 21,9868 | 22,7232 | 23,7226 | 24,7220 | 25,8266 | 26,3000 | 26,9312 | 27,4046 | 27,9306 | 28,5092 | 28,9826 | 29,4560 | 30,1398 | 30,6132 | 31,1918 | 31,6126 | 32,1912 | 32,6120 | 33,1906 | 33,6640 | 34,0848 |
| Presión axial  | 0,0000 | 0,2179 | 0,3909 | 0,6761  | 0,9809  | 1,2083  | 1,3965  | 1,5887  | 1,7794  | 1,8945  | 2,0141  | 2,1957  | 2,2608  | 2,3515  | 2,4414  | 2,5409  | 2,5777  | 2,6295  | 2,6656  | 2,7064  | 2,7519  | 2,7868  | 2,8214  | 2,8757  | 2,9095  | 2,9529  | 2,9810  | 3,0236  | 3,0510  | 3,0928  | 3,1244  | 3,1508  |

|  |        |          |          |          |          |          |         |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |         |          |          |          |        |        |        |        |        |
|--|--------|----------|----------|----------|----------|----------|---------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|---------|----------|----------|----------|--------|--------|--------|--------|--------|
| <b>Lectura deform. del aro de carga (ingreso de datos)</b> | 0      | 3        | 8,2      | 12,8     | 19,2     | 25,8     | 31,2    | 34,9     | 40       | 45,8     | 50,2     | 56,1     | 60,1     | 65,2     | 70,1     | 74,2     | 78       | 79,9     | 82,1     | 84       | 86,1     | 88       | 89,9    | 90,1     | 90,1     | 90,1     |        |        |        |        |        |
| Carga aplicada (Lect. x factor aro)                        | 0,0000 | 1,5780   | 4,3132   | 6,7328   | 10,0992  | 13,5708  | 16,4112 | 18,3574  | 21,0400  | 24,0908  | 26,4052  | 29,5086  | 31,6126  | 34,2952  | 36,8726  | 39,0292  | 41,0280  | 42,0274  | 43,1846  | 44,1840  | 45,2886  | 46,2880  | 47,2874 | 47,3926  | 47,3926  | 47,3926  | 0,0000 | 0,0000 | 0,0000 | 0,0000 | 0,0000 |
| Presión axial  | 0      | 0,163447 | 0,445155 | 0,692377 | 1,034816 | 1,385495 | 1,66939 | 1,860547 | 2,124621 | 2,423748 | 2,646794 | 2,946916 | 3,145299 | 3,399472 | 3,641265 | 3,839745 | 4,021158 | 4,103507 | 4,200462 | 4,281268 | 4,371486 | 4,450769 | 4,52931 | 4,521792 | 4,504197 | 4,486603 | 0      | 0      | 0      | 0      | 0      |

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|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0.8000  | 0.8250  | 0.8500  | 0.8750  | 0.9000  | 0.9250  | 0.9500  | 0.9750  | 1.0000  | 1.0250  | 1.0500  | 1.0750  | 1.1000  | 1.1250  | 1.1500  | 1.1750  | 1.2000  | 1.2250  | 1.2500  | 1.2750  | 1.3000  | 1.3250  | 1.3500  |
| 0.1143  | 0.1179  | 0.1214  | 0.1250  | 0.1286  | 0.1321  | 0.1357  | 0.1393  | 0.1429  | 0.1464  | 0.1500  | 0.1536  | 0.1571  | 0.1607  | 0.1643  | 0.1679  | 0.1714  | 0.1750  | 0.1786  | 0.1821  | 0.1857  | 0.1893  | 0.1929  |
| 0.18613 | 0.19053 | 0.19496 | 0.19943 | 0.10393 | 0.10848 | 0.11306 | 0.11768 | 0.12233 | 0.12703 | 0.13176 | 0.13654 | 0.14136 | 0.14621 | 0.15113 | 0.15605 | 0.16103 | 0.16606 | 0.17113 | 0.17624 | 0.18140 | 0.18661 | 0.19186 |

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