

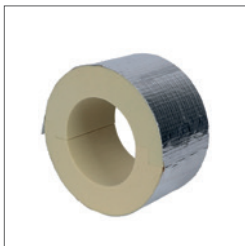


## Szigetelő csőrögzítések

## Szigetelő csőrögzítések



BISOFIX® E13, E19, E25, E32  
szigetelőhék  
*29, 30 oldal*



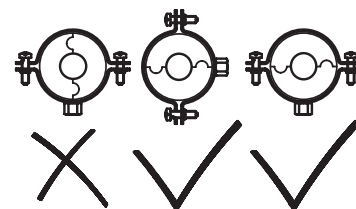
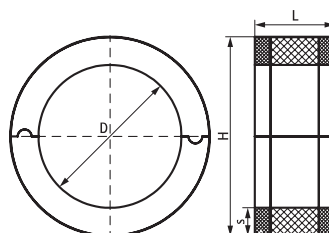
BISOFIX® PIR20, PIR30, PIR40,  
PIR50 szigetelőhék  
*33, 34 oldal*

# Szigetelő csőrögzítések

## BISOFIX® E13, E19 szigetelőhéj

### Jellemzők és előnyök

- rugalmas habszigeteléssel kombinálva
- párazáró, a csőszigeteléssel ragasztható
- nem tartalmaz kemény freont (CFC), lágy freont (HCFC), formaldehidet vagy kadmiumot
- éghetőség B2
- PIR sűrűség D-re <80 mm = 80 kg/m<sup>3</sup>
- PIR sűrűség D-re >80 mm = 120 kg/m<sup>3</sup>
- hőmérséklet tartomány -45 °C - +105 °C



| Cikkszám     | D             | D     | DN  | L    | H     | s    | F <sub>az</sub> | Kiszer. |
|--------------|---------------|-------|-----|------|-------|------|-----------------|---------|
|              | [mm]          | ["]   |     | [mm] | [mm]  | [mm] | [N]             | db/dob. |
| BISOFIX® E13 |               |       |     |      |       |      |                 |         |
| I130000008   | 8,0           | -     | -   | 50   | 34,6  | 13,3 | 100             | 25      |
| I130000010   | 10,2          | -     | -   | 50   | 36,8  | 13,3 | 100             | 25      |
| I130000012   | 12,0          | -     | -   | 50   | 38,6  | 13,3 | 100             | 25      |
| I130000015   | 15,0          | -     | -   | 50   | 41,6  | 13,3 | 100             | 25      |
| I130000018   | 17,2 - 18,0   | 3/8   | 10  | 50   | 44,6  | 13,3 | 100             | 25      |
| I130000022   | 21,3 - 22,0   | 1/2   | 15  | 50   | 48,6  | 13,3 | 100             | 25      |
| I130000028   | 26,9 - 28,0   | 3/4   | 20  | 50   | 55,0  | 13,5 | 100             | 25      |
| I130000035   | 33,7 - 35,0   | 1     | 25  | 50   | 61,6  | 13,3 | 100             | 25      |
| I130000042   | 42,4          | 1 1/4 | 32  | 50   | 69,0  | 13,3 | 150             | 25      |
| I130000048   | 48,3          | 1 1/2 | 40  | 50   | 74,9  | 13,3 | 225             | 25      |
| I130000054   | 54,0          | -     | -   | 50   | 80,6  | 13,3 | 225             | 25      |
| I130000057   | 57,0          | -     | -   | 50   | 83,6  | 13,3 | 350             | 25      |
| I130000060   | 60,3          | 2     | 50  | 50   | 88,1  | 13,9 | 350             | 25      |
| I130000064   | 64,0          | -     | -   | 50   | 100,0 | 18,0 | 350             | 25      |
| I130000076   | 76,1          | 2 1/2 | 65  | 50   | 108,7 | 16,3 | 575             | 25      |
| I130000089   | 88,9          | 3     | 80  | 50   | 124,7 | 17,9 | 875             | 25      |
| I130000108   | 108,0         | -     | -   | 50   | 140,6 | 16,3 | 1 075           | 25      |
| I130000114   | 114,3         | 4     | 100 | 50   | 152,1 | 18,9 | 1 250           | 25      |
| I130000133   | 133,0         | -     | -   | 100  | 165,6 | 16,3 | 1 475           | 25      |
| I130000140   | 139,7         | 5     | 125 | 100  | 176,1 | 18,2 | 1 700           | 5       |
| I130000160   | 159,0 - 160,0 | -     | -   | 100  | 192,6 | 16,3 | 1 950           | 5       |
| I130000168   | 168,3         | 6     | 150 | 100  | 200,9 | 16,3 | 2 125           | 5       |

| Cikkszám     | D             | D     | DN  | L    | H     | s    | F <sub>az</sub> | Kiszer. |
|--------------|---------------|-------|-----|------|-------|------|-----------------|---------|
|              | [mm]          | ["]   |     | [mm] | [mm]  | [mm] | [N]             | db/dob. |
| BISOFIX® E19 |               |       |     |      |       |      |                 |         |
| I190000012   | 12,0          | -     | -   | 50   | 50,6  | 19,3 | 100             | 25      |
| I190000015   | 15,0          | -     | -   | 50   | 54,0  | 19,5 | 100             | 25      |
| I190000018   | 17,2 - 18,0   | 3/8   | 10  | 50   | 56,6  | 19,3 | 100             | 25      |
| I190000022   | 21,3 - 22,0   | 1/2   | 15  | 50   | 60,6  | 19,3 | 100             | 25      |
| I190000028   | 26,9 - 28,0   | 3/4   | 20  | 50   | 66,6  | 19,3 | 100             | 25      |
| I190000035   | 33,7 - 35,0   | 1     | 25  | 50   | 74,8  | 19,9 | 100             | 25      |
| I190000042   | 42,4          | 1 1/4 | 32  | 50   | 81,0  | 19,3 | 150             | 25      |
| I190000048   | 48,3          | 1 1/2 | 40  | 50   | 88,1  | 19,9 | 225             | 25      |
| I190000054   | 54,0          | -     | -   | 50   | 100,0 | 23,0 | 225             | 25      |
| I190000060   | 60,3          | 2     | 50  | 50   | 100,1 | 19,9 | 350             | 25      |
| I190000064   | 64,0          | -     | -   | 50   | 114,6 | 25,3 | 350             | 25      |
| I190000070   | 70,0          | -     | -   | 50   | 124,6 | 27,3 | 425             | 25      |
| I190000076   | 76,1          | 2 1/2 | 65  | 50   | 126,7 | 25,3 | 575             | 25      |
| I190000089   | 88,9          | 3     | 80  | 50   | 139,5 | 25,3 | 875             | 25      |
| I190000108   | 108,0         | -     | -   | 50   | 158,6 | 25,3 | 1 075           | 25      |
| I190000114   | 114,3         | 4     | 100 | 50   | 164,9 | 25,3 | 1 250           | 25      |
| I190000133   | 133,0         | -     | -   | 100  | 192,0 | 29,5 | 1 475           | 5       |
| I190000140   | 139,7         | 5     | 125 | 100  | 192,1 | 26,2 | 1 700           | 5       |
| I190000160   | 159,0 - 160,0 | -     | -   | 100  | 210,6 | 25,3 | 1 950           | 5       |
| I190000168   | 168,3         | 6     | 150 | 100  | 218,9 | 25,3 | 2 125           | 5       |
| I190000219   | 219,1         | 8     | 200 | 100  | 269,7 | 25,3 | 3 525           | 3       |
| I190000273   | 273,1         | 10    | 250 | 100  | 323,6 | 25,3 | 3 525           | 2       |
| I190000324   | 323,9         | 12    | 300 | 100  | 374,5 | 25,3 | 3 525           | 5       |
| I190000356   | 356,0         | -     | -   | 100  | 406,6 | 25,3 | 3 525           | 5       |

## BISOFIX® E25, E32 szigetelőhéj

| Cikkszám     | D             | D     | DN  | L    | H     | s    | F <sub>az</sub> | Kiszer. | Cikkszám     | D             | D     | DN  | L    | H     | s    | F <sub>az</sub> | Kiszer. |
|--------------|---------------|-------|-----|------|-------|------|-----------------|---------|--------------|---------------|-------|-----|------|-------|------|-----------------|---------|
|              | [mm]          | ['']  |     | [mm] | [mm]  | [mm] | [N]             | db/dob. |              | [mm]          | ['']  |     | [mm] | [mm]  | [mm] | [N]             | db/dob. |
| BISOFIX® E25 |               |       |     |      |       |      |                 |         | BISOFIX® E32 |               |       |     |      |       |      |                 |         |
| I250000012   | 12,0          | -     | -   | 50   | 62,6  | 25,3 | 100             | 25      | I320000012   | 12,0          | -     | -   | 50   | 76,6  | 32,3 | 100             | 25      |
| I250000015   | 15,0          | -     | -   | 50   | 66,0  | 25,5 | 100             | 25      | I320000015   | 15,0          | -     | -   | 50   | 80,0  | 32,5 | 100             | 25      |
| I250000018   | 17,2 - 18,0   | 3/8   | 10  | 50   | 68,6  | 25,3 | 100             | 25      | I320000018   | 17,2 - 18,0   | 3/8   | 10  | 50   | 82,6  | 32,3 | 100             | 25      |
| I250000022   | 21,3 - 22,0   | 1/2   | 15  | 50   | 75,4  | 26,7 | 100             | 25      | I320000022   | 21,3 - 22,0   | 1/2   | 15  | 50   | 88,0  | 33,0 | 100             | 25      |
| I250000028   | 26,9 - 28,0   | 3/4   | 20  | 50   | 78,6  | 25,3 | 100             | 25      | I320000028   | 27,0 - 28,0   | 3/4   | 20  | 50   | 100,0 | 36,0 | 100             | 25      |
| I250000035   | 33,7 - 35,0   | 1     | 25  | 50   | 88,0  | 26,5 | 100             | 25      | I320000035   | 33,7 - 35,0   | 1     | 25  | 50   | 100,0 | 32,5 | 100             | 25      |
| I250000042   | 42,4          | 1 1/4 | 32  | 50   | 100,0 | 28,8 | 150             | 25      | I320000042   | 42,4          | 1 1/4 | 32  | 50   | 108,0 | 32,8 | 150             | 25      |
| I250000048   | 48,3          | 1 1/2 | 40  | 50   | 100,1 | 25,9 | 225             | 25      | I320000048   | 48,3          | 1 1/2 | 40  | 50   | 112,9 | 32,3 | 225             | 25      |
| I250000054   | 54,0          | -     | -   | 50   | 104,6 | 25,3 | 225             | 25      | I320000054   | 54,0          | -     | -   | 50   | 124,6 | 35,3 | 225             | 25      |
| I250000057   | 57,0          | -     | -   | 50   | 107,6 | 25,3 | 225             | 25      | I320000060   | 60,3          | 2     | 50  | 50   | 124,9 | 32,3 | 350             | 25      |
| I250000060   | 60,3          | 2     | 50  | 50   | 110,9 | 25,3 | 350             | 25      | I320000064   | 64,0          | -     | -   | 50   | 152,0 | 44,0 | 350             | 15      |
| I250000064   | 64,0          | -     | -   | 50   | 128,6 | 32,3 | 350             | 25      | I320000070   | 70,0          | -     | -   | 50   | 152,0 | 41,0 | 425             | 15      |
| I250000070   | 70,0          | -     | -   | 50   | 134,6 | 32,3 | 425             | 25      | I320000076   | 76,1          | 2 1/2 | 65  | 50   | 156,7 | 40,3 | 575             | 15      |
| I250000076   | 76,1          | 2 1/2 | 65  | 50   | 140,7 | 32,3 | 575             | 25      | I320000089   | 88,9          | 3     | 80  | 50   | 176,1 | 43,6 | 875             | 5       |
| I250000089   | 88,9          | 3     | 80  | 50   | 153,5 | 32,3 | 875             | 25      | I320000108   | 108,0         | -     | -   | 50   | 192,0 | 42,0 | 1 075           | 5       |
| I250000108   | 108,0         | -     | -   | 50   | 176,0 | 34,0 | 1 075           | 5       | I320000114   | 114,3         | 4     | 100 | 50   | 194,9 | 40,3 | 1 250           | 5       |
| I250000114   | 114,3         | 4     | 100 | 50   | 178,9 | 32,3 | 1 250           | 5       | I320000133   | 133,0         | -     | -   | 100  | 218,4 | 42,7 | 1 475           | 5       |
| I250000133   | 133,0         | -     | -   | 100  | 197,6 | 32,3 | 1 475           | 5       | I320000140   | 139,7         | 5     | 125 | 100  | 220,3 | 40,3 | 1 700           | 5       |
| I250000140   | 139,7         | 5     | 125 | 100  | 205,1 | 32,7 | 1 700           | 5       | I320000160   | 159,0 - 160,0 | -     | -   | 100  | 241,0 | 40,5 | 1 950           | 3       |
| I250000160   | 159,0 - 160,0 | -     | -   | 100  | 224,6 | 32,3 | 1 950           | 5       | I320000168   | 168,3         | 6     | 150 | 100  | 248,9 | 40,3 | 2 125           | 3       |
| I250000168   | 168,3         | 6     | 150 | 100  | 232,9 | 32,3 | 2 125           | 3       | I320000219   | 219,1         | 8     | 200 | 100  | 315,1 | 48,0 | 3 525           | 3       |
| I250000219   | 219,1         | 8     | 200 | 100  | 283,7 | 32,3 | 3 525           | 3       | I320000273   | 273,1         | 10    | 250 | 100  | 353,6 | 40,3 | 4 925           | 3       |



# BISOFIX® E Kiválasztó táblázat

A pontos méret meghatározásához kérjük, vegye fel a kapcsolatot a Walraven szaktanácsadóival!

| Cső átmérője (mm) | Termék                                                                                                   | BISOFIX® E13 | BISOFIX® E19 | BISOFIX® E25 | BISOFIX® E32 |
|-------------------|----------------------------------------------------------------------------------------------------------|--------------|--------------|--------------|--------------|
| 8.0               |  BISOFIX® E             | I130000008   | -            | -            | -            |
|                   |  2S Csőbilincs          | 33035037     | -            | -            | -            |
|                   |  Bifix® G2 Csőbilincs   | 3008039      | -            | -            | -            |
| 10.0              |  BISOFIX® E             | I130000010   | -            | -            | -            |
|                   |  2S Csőbilincs          | 33035037     | -            | -            | -            |
|                   |  Bifix® G2 Csőbilincs   | 3008039      | -            | -            | -            |
| 12.0              |  BISOFIX® E             | I130000012   | I190000012   | I250000012   | I320000012   |
|                   |  2S Csőbilincs          | 33035046     | 33035052     | 33035067     | 33035081     |
|                   |  Bifix® G2 Csőbilincs   | 3008039      | 3008052      | 3008064      | 3008079      |
| 15.0              |  BISOFIX® E             | I130000015   | I190000015   | I250000015   | I320000015   |
|                   |  2S Csőbilincs          | 33035046     | 33035061     | 33035067     | 33035081     |
|                   |  Bifix® G2 Csőbilincs   | 3008045      | 3008058      | 3008070      | 3008083      |
| 17.2 - 18.0       |  BISOFIX® E             | I130000018   | I190000018   | I250000018   | I320000018   |
|                   |  2S Csőbilincs          | 33035046     | 33035061     | 33035074     | 33035087     |
|                   |  Bifix® G2 Csőbilincs  | 3008045      | 3008058      | 3008070      | 3008083      |
| 21.3 - 22.0       |  BISOFIX® E           | I130000022   | I190000022   | I250000022   | I320000022   |
|                   |  2S Csőbilincs        | 33035052     | 33035061     | 33035081     | 33035095     |
|                   |  Bifix® G2 Csőbilincs | 3008052      | 3008064      | 3008079      | 3008091      |
| 26.9 - 28.0       |  BISOFIX® E           | I130000028   | I190000028   | I250000028   | I320000028   |
|                   |  2S Csőbilincs        | 33035061     | 33035067     | 33035081     | 33035103     |
|                   |  Bifix® G2 Csőbilincs | 3008058      | 3008070      | 3008079      | 3008105      |
| 33.7 - 35.0       |  BISOFIX® E           | I130000035   | I190000035   | I250000035   | I320000035   |
|                   |  2S Csőbilincs        | 33035067     | 33035081     | 33035095     | 33035103     |
|                   |  Bifix® G2 Csőbilincs | 3008064      | 3008079      | 3008091      | 3008105      |
| 42.4              |  BISOFIX® E           | I130000042   | I190000042   | I250000042   | I320000042   |
|                   |  2S Csőbilincs        | 33035074     | 33035081     | 33035103     | 33035112     |
|                   |  Bifix® G2 Csőbilincs | 3008070      | 3008083      | 3008105      | 3008115      |
| 48.3              |  BISOFIX® E           | I130000048   | I190000048   | I250000048   | I320000048   |
|                   |  2S Csőbilincs        | 33035081     | 33035095     | 33035103     | 33035118     |
|                   |  Bifix® G2 Csőbilincs | 3008079      | 3008091      | 3008105      | 3008115      |
| 54.0              |  BISOFIX® E           | I130000054   | I190000054   | I250000054   | I320000054   |
|                   |  2S Csőbilincs        | 33035087     | 33035103     | 33035112     | 33035127     |
|                   |  Bifix® G2 Csőbilincs | 3008083      | 3008105      | 3008105      | 3008130      |
| 57.0              |  BISOFIX® E           | I130000057   | I190000057   | I250000057   |              |
|                   |  2S Csőbilincs        | 33035087     | 33035103     | 33035112     |              |
|                   |  Bifix® G2 Csőbilincs | 3008083      | 3008105      | 3008115      |              |
| 60.0              |  BISOFIX® E           | I130000060   | I190000060   | I250000060   | I320000060   |
|                   |  2S Csőbilincs        | 33035095     | 33035103     | 33035112     | 33035127     |
|                   |  Bifix® G2 Csőbilincs | 3008091      | 3008105      | 3008115      | 3008130      |

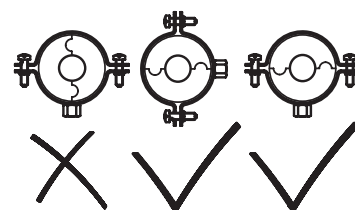
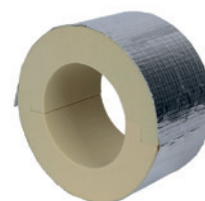
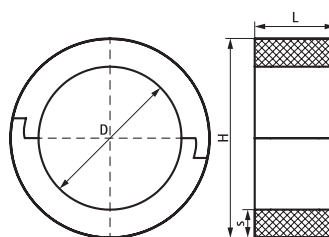
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| Cső átmérője (mm) | Termék                                                                                                   | BISOFIX® E13 | BISOFIX® E19 | BISOFIX® E25 | BISOFIX® E32 |
|-------------------|----------------------------------------------------------------------------------------------------------|--------------|--------------|--------------|--------------|
| 64.0              |  BISOFIX® E             | I130000064   | I190000064   | I250000064   | I320000064   |
|                   |  2S Csőbilincs          | 33035103     | 33035118     | 33035137     | 33035153     |
|                   |  Bifix® G2 Csőbilincs   | 3008105      | 3008115      | 3008130      | 3008160      |
| 70.0              |  BISOFIX® E             | I130000070   | I190000070   | I250000070   | I320000070   |
|                   |  2S Csőbilincs          | 33035103     | 33035127     | 33035137     | 33035153     |
|                   |  Bifix® G2 Csőbilincs   | 3008105      | 3008130      | 3008140      | 3008160      |
| 76.0              |  BISOFIX® E             | I130000076   | I190000076   | I250000076   | I320000076   |
|                   |  2S Csőbilincs          | 33035112     | 33035127     | 33035144     | 33035162     |
|                   |  Bifix® G2 Csőbilincs   | 3008115      | 3008130      | 3008140      | 3008160      |
| 89.0              |  BISOFIX® E             | I130000089   | I190000089   | I250000089   | I320000089   |
|                   |  2S Csőbilincs          | 33035127     | 33035144     | 33035153     | 33035183     |
|                   |  Bifix® G2 Csőbilincs   | 3008130      | 3008140      | 3008160      | 3008180      |
| 102.0             |  BISOFIX® E             | I130000102   | I190000102   | I250000102   | I320000102   |
|                   |  2S Csőbilincs          | 33035137     | 33035153     | 33035172     | 33035194     |
|                   |  Bifix® G2 Csőbilincs   | 3008140      | 3008160      | 3008169      | 3008200      |
| 108.0             |  BISOFIX® E             | I130000108   | I190000108   | I250000108   | I320000108   |
|                   |  2S Csőbilincs          | 33035144     | 33035162     | 33035183     | 33035194     |
|                   |  Bifix® G2 Csőbilincs  | 3008140      | 3008160      | 3008180      | 3008200      |
| 114.0             |  BISOFIX® E           | I130000114   | I190000114   | I250000114   | I320000114   |
|                   |  2S Csőbilincs        | 33035153     | 33035172     | 33035183     | 33035205     |
|                   |  Bifix® G2 Csőbilincs | 3008160      | 3008169      | 3008180      | 3008200      |
| 133.0             |  BISOFIX® E           | I130000133   | I190000133   | I250000133   | I320000133   |
|                   |  2S Csőbilincs        | 33035172     | 33035194     | 33035205     | 33035225     |
|                   |  Bifix® G2 Csőbilincs | 3008169      | 3008200      | 3008200      | 3008225      |
| 140.0             |  BISOFIX® E           | I130000140   | I190000140   | I250000140   | I320000140   |
|                   |  2S Csőbilincs        | 33035183     | 33035194     | 33035205     | 33035225     |
|                   |  Bifix® G2 Csőbilincs | 3008180      | 3008200      | 3008210      | 3008225      |
| 159.0 - 160.0     |  BISOFIX® E           | I130000160   | I190000160   | I250000160   | I320000160   |
|                   |  2S Csőbilincs        | 33035194     | 33035216     | 33035225     | -            |
|                   |  Bifix® G2 Csőbilincs | 3008200      | 3008210      | 3008225      | -            |
|                   |  Obejma BIS HD500     | 33048202     | 33048219     | 33048227     | 33068241     |
| 168.3             |  BISOFIX® E           | I130000168   | I190000168   | I250000168   | I320000168   |
|                   |  2S Csőbilincs        | 33035205     | 33035225     | -            | -            |
|                   |  Bifix® G2 Csőbilincs | 3008200      | 3008225      | -            | -            |
|                   |  Obejma BIS HD500     | 33048202     | 33048219     | 33068241     | 33068254     |
| 219.0             |  BISOFIX® E           |              | I190000219   | I250000219   | I320000219   |
|                   |  2S Csőbilincs        |              | -            | -            | -            |
|                   |  Bifix® G2 Csőbilincs |              | -            | -            | -            |
|                   |  BIS HD500 Csőbilincs |              | 33068279     | 33068289     | 33068325     |
| 273.1             |  BISOFIX® E           |              |              |              | I320000273   |
|                   |  2S Csőbilincs        |              |              |              | -            |
|                   |  Bifix® G2 Csőbilincs |              |              |              | -            |
|                   |  BIS HD500 Csőbilincs |              |              |              | 33068360     |

## BISOFIX® PIR20, PIR30 szigetelőhéj

### Jellemzők és előnyök

- merev habszigeteléssel kombinálva
- fedje be a csatlakozásokat alumínium szalaggal
- nem tartalmaz kemény freont (CFC), lágy freont (HCFC), formaldehidet vagy kadmiumot
- éghetőség B2
- PIR sűrűség D-re < 110 mm = 80 kg/m<sup>3</sup>
- PIR sűrűség D-re > 110 mm = 120 kg/m<sup>3</sup>
- hővezetés (kb. érték): 0,30 W/(mK)



| Cikkszám       | D           | D     | DN  | L    | H     | s    | F <sub>az</sub> | Kiszer. |
|----------------|-------------|-------|-----|------|-------|------|-----------------|---------|
|                | [mm]        | ["]   |     | [mm] | [mm]  | [mm] | [N]             | db/dob. |
| BISOFIX® PIR20 |             |       |     |      |       |      |                 |         |
| I200000012     | 12,0        | -     | -   | 75   | 52,0  | 20,0 | 120             | 25      |
| I200000022     | 21,3 - 22,0 | 1/2   | 15  | 75   | 62,0  | 20,0 | 180             | 25      |
| I200000028     | 26,9 - 28,0 | 3/4   | 20  | 75   | 68,0  | 20,0 | 200             | 25      |
| I200000034     | 33,7 - 35,0 | -     | -   | 75   | 75,0  | 20,0 | 220             | 25      |
| I200000042     | 42,4        | 1 1/4 | 32  | 75   | 82,4  | 20,0 | 280             | 25      |
| I200000048     | 48,3        | 1 1/2 | 40  | 75   | 88,3  | 20,0 | 300             | 25      |
| I200000054     | 54,0        | -     | -   | 75   | 94,0  | 20,0 | 320             | 25      |
| I200000057     | 56,0 - 57,0 | -     | -   | 75   | 97,0  | 20,0 | 330             | 25      |
| I200000060     | 60,3        | 2     | 50  | 75   | 100,3 | 20,0 | 340             | 25      |
| I200000064     | 64,0        | -     | -   | 75   | 104,0 | 20,0 | 350             | 25      |
| I200000070     | 70,0        | -     | -   | 75   | 110,0 | 20,0 | 370             | 25      |
| I200000076     | 76,1        | 2 1/2 | 65  | 75   | 116,1 | 20,0 | 390             | 25      |
| I200000140     | 139,7       | 5     | 125 | 100  | 179,7 | 20,0 | 1 410           | 5       |
| I200000168     | 168,3       | 6     | 150 | 100  | 208,3 | 20,0 | 1 570           | 5       |
| I200000219     | 219,1       | -     | -   | 100  | 259,1 | 20,0 | 1 620           | 6       |

| Cikkszám       | D           | D     | DN  | L    | H     | s    | F <sub>az</sub> | Kiszer. |
|----------------|-------------|-------|-----|------|-------|------|-----------------|---------|
|                | [mm]        | ["]   |     | [mm] | [mm]  | [mm] | [N]             | db/dob. |
| BISOFIX® PIR30 |             |       |     |      |       |      |                 |         |
| I300000018     | 17,2 - 18,0 | 3/8   | 10  | 75   | 78,0  | 30,0 | 190             | 25      |
| I300000022     | 21,3 - 22,0 | 1/2   | 15  | 75   | 82,0  | 30,0 | 230             | 25      |
| I300000034     | 33,7 - 35,0 | -     | -   | 75   | 95,0  | 30,0 | 320             | 25      |
| I300000042     | 42,4        | 1 1/4 | 32  | 75   | 102,4 | 30,0 | 350             | 25      |
| I300000048     | 48,3        | 1 1/2 | 40  | 75   | 108,3 | 30,0 | 370             | 25      |
| I300000054     | 54,0        | -     | -   | 75   | 114,0 | 30,0 | 380             | 25      |
| I300000060     | 60,3        | 2     | 50  | 75   | 120,3 | 30,0 | 410             | 25      |
| I300000076     | 76,1        | 2 1/2 | 65  | 75   | 136,1 | 30,0 | 460             | 25      |
| I300000089     | 88,9        | 3     | 80  | 75   | 148,9 | 30,0 | 500             | 15      |
| I300000114     | 114,3       | 4     | 100 | 100  | 174,3 | 30,0 | 1 370           | 15      |
| I300000140     | 139,7       | 5     | 125 | 100  | 199,7 | 30,0 | 1 570           | 5       |
| I300000168     | 168,3       | 6     | 150 | 100  | 228,3 | 30,0 | 2 720           | 8       |
| I300000219     | 219,1       | 8     | 200 | 150  | 279,1 | 30,0 | 4 210           | 2       |
| I300000273     | 273,1       | -     | -   | 150  | 333,0 | 30,0 | 5 020           | 2       |
| I300000324     | 323,9       | -     | -   | 150  | 384,0 | 30,0 | 5 790           | 2       |

## BISOFIX® PIR40, PIR50 szigetelőhéj

| Cikkszám       | D<br>[mm]     | D<br>["] | DN  | L<br>[mm] | H<br>[mm] | s<br>[mm] | F <sub>az</sub><br>[N] | Kiszer.<br>db/dob. |
|----------------|---------------|----------|-----|-----------|-----------|-----------|------------------------|--------------------|
| BISOFIX® PIR40 |               |          |     |           |           |           |                        |                    |
| I400000034     | 33,7 - 35,0   | -        | -   | 75        | 115,0     | 40,0      | 370                    | 25                 |
| I400000042     | 42,4          | 1 1/4    | 32  | 75        | 122,4     | 40,0      | 410                    | 25                 |
| I400000048     | 48,3          | 1 1/2    | 40  | 75        | 128,3     | 40,0      | 430                    | 25                 |
| I400000060     | 60,3          | 2        | 50  | 75        | 140,3     | 40,0      | 470                    | 25                 |
| I400000076     | 76,1          | 2 1/2    | 65  | 75        | 156,1     | 40,0      | 530                    | 15                 |
| I400000089     | 88,9          | 3        | 80  | 75        | 168,9     | 40,0      | 620                    | 15                 |
| I400000108     | 108,0         | -        | -   | 100       | 188,0     | 40,0      | 690                    | 15                 |
| I400000114     | 114,3         | 4        | 100 | 100       | 194,3     | 40,0      | 1 530                  | 5                  |
| I400000133     | 133,0         | -        | -   | 100       | 213,0     | 40,0      | 1 670                  | 5                  |
| I400000140     | 139,7         | 5        | 125 | 100       | 219,7     | 40,0      | 1 730                  | 5                  |
| I400000160     | 159,0 - 160,0 | -        | -   | 100       | 240,0     | 40,0      | 2 850                  | 8                  |
| I400000168     | 168,3         | 6        | 150 | 100       | 248,3     | 40,0      | 2 960                  | 8                  |
| I400000273     | 273,1         | -        | -   | 150       | 353,0     | 40,0      | 5 320                  | 2                  |

| Cikkszám       | D<br>[mm]     | D<br>["] | DN  | L<br>[mm] | H<br>[mm] | s<br>[mm] | F <sub>az</sub><br>[N] | Kiszer.<br>db/dob. |
|----------------|---------------|----------|-----|-----------|-----------|-----------|------------------------|--------------------|
| BISOFIX® PIR50 |               |          |     |           |           |           |                        |                    |
| I500000042     | 42,4          | 1 1/4    | 32  | 75        | 142,4     | 50,0      | 470                    | 25                 |
| I500000060     | 60,3          | 2        | 50  | 75        | 160,3     | 50,0      | 540                    | 15                 |
| I500000064     | 64,0          | -        | -   | 75        | 164,0     | 50,0      | 550                    | 15                 |
| I500000076     | 76,1          | 2 1/2    | 65  | 75        | 176,1     | 50,0      | 650                    | 15                 |
| I500000089     | 88,9          | 3        | 80  | 75        | 188,9     | 50,0      | 690                    | 15                 |
| I500000108     | 108,0         | -        | -   | 100       | 208,0     | 50,0      | 760                    | 5                  |
| I500000114     | 114,3         | 4        | 100 | 100       | 214,3     | 50,0      | 1 680                  | 5                  |
| I500000133     | 133,0         | -        | -   | 100       | 233,0     | 50,0      | 2 780                  | 8                  |
| I500000140     | 139,7         | 5        | 125 | 100       | 239,7     | 50,0      | 2 860                  | 8                  |
| I500000160     | 159,0 - 160,0 | -        | -   | 100       | 260,0     | 50,0      | 3 090                  | 8                  |
| I500000168     | 168,3         | 6        | 150 | 100       | 268,3     | 50,0      | 3 200                  | 8                  |
| I500000219     | 219,1         | 8        | 200 | 150       | 319,1     | 50,0      | 4 810                  | 2                  |
| I500000273     | 273,1         | -        | -   | 150       | 373,1     | 50,0      | 5 620                  | 2                  |
| I500000324     | 323,9         | -        | -   | 150       | 424,0     | 50,0      | 6 390                  | 2                  |
| I500000406     | 406,4         | -        | -   | 150       | 506,4     | 50,0      | 6 410                  | 2                  |



## BISOFIX® PIR Kiválasztó táblázat

A pontos méret meghatározásához kérjük, vegye fel a kapcsolatot a Walraven szaktanácsadóival!

| Csőátmérő (mm) | Termék                                                                                                   | BISOFIX® PIR20 | BISOFIX® PIR30 | BISOFIX® PIR40 | BISOFIX® PIR50 |
|----------------|----------------------------------------------------------------------------------------------------------|----------------|----------------|----------------|----------------|
| 12.0           |  BISOFIX® PIR           | I200000012     | I300000012     | I400000012     | I500000012     |
|                |  2S Csőbilincs          | 33035052       | 33035081       | 33035095       | 33035112       |
|                |  Bifix® G2 Csőbilincs   | 3008052        | 3008070        | 3008091        | 3008115        |
| 15.0           |  BISOFIX® PIR           | I200000015     | I300000015     | I400000015     | I500000015     |
|                |  2S Csőbilincs          | 33035061       | 33035081       | 33035095       | 33035118       |
|                |  Bifix® G2 Csőbilincs   | 3008058        | 3008079        | 3008105        | 3008115        |
| 17.2 - 18.0    |  BISOFIX® PIR           | I200000018     | I300000018     | I400000018     | I500000018     |
|                |  2S Csőbilincs          | 33035061       | 33035081       | 33035103       | 33035118       |
|                |  Bifix® G2 Csőbilincs   | 3008058        | 3008079        | 3008105        | 3008115        |
| 21.3 - 22.00   |  BISOFIX® PIR           | I200000022     | I300000022     | I400000022     | I500000022     |
|                |  2S Csőbilincs          | 33035061       | 33035087       | 33035103       | 33035127       |
|                |  Bifix® G2 Csőbilincs   | 3008064        | 3008083        | 3008105        | 3008130        |
| 26.9 - 28.0    |  BISOFIX® PIR           | I200000028     | I300000028     | I400000028     | I500000028     |
|                |  2S Csőbilincs         | 33035067       | 33035095       | 33035112       | 33035137       |
|                |  Bifix® G2 Csőbilincs | 3008070        | 3008091        | 3008115        | 3008130        |
| 33.7 - 35.0    |  BISOFIX® PIR         | I200000034     | I300000034     | I400000034     | I500000034     |
|                |  2S Csőbilincs        | 33035074       | 33035095       | 33035118       | 33035137       |
|                |  Bifix® G2 Csőbilincs | 3008079        | 3008091        | 3008115        | 3008140        |
| 42.4           |  BISOFIX® PIR         | I200000042     | I300000042     | I400000042     | I500000042     |
|                |  2S Csőbilincs        | 33035087       | 33035103       | 33035127       | 33035144       |
|                |  Bifix® G2 Csőbilincs | 3008083        | 3008105        | 3008130        | 3008140        |
| 48.3           |  BISOFIX® PIR         | I200000048     | I300000048     | I400000048     | I500000048     |
|                |  2S Csőbilincs        | 33035095       | 33035112       | 33035137       | 33035153       |
|                |  Bifix® G2 Csőbilincs | 3008091        | 3008115        | 3008130        | 3008140        |
| 54.0           |  BISOFIX® PIR         | I200000054     | I300000054     | I400000054     | I500000054     |
|                |  2S Csőbilincs        | 33035095       | 33035118       | 33035137       | 33035162       |
|                |  Bifix® G2 Csőbilincs | 3008091        | 3008115        | 3008140        | 3008160        |
| 56 - 57.0      |  BISOFIX® PIR         | I200000057     | I300000057     | I400000057     | I500000057     |
|                |  2S Csőbilincs        | 33035103       | 33035118       | 33035137       | 33035162       |
|                |  Bifix® G2 Csőbilincs | 3008105        | 3008115        | 3008140        | 3008160        |
| 60.0           |  BISOFIX® PIR         | I200000060     | I300000060     | I400000060     | I500000060     |
|                |  2S Csőbilincs        | 33035103       | 33035127       | 33035144       | 33035162       |
|                |  Bifix® G2 Csőbilincs | 3008105        | 3008130        | 3008140        | 3008160        |
| 64.0           |  BISOFIX® PIR         | I200000064     | I300000064     | I400000064     | I500000064     |
|                |  2S Csőbilincs        | 33035112       | 33035127       | 33035144       | 33035172       |
|                |  Bifix® G2 Csőbilincs | 3008105        | 3008130        | 3008140        | 3008169        |
| 70.0           |  BISOFIX® PIR         | I200000070     | I300000070     | I400000070     | I500000070     |
|                |  2S Csőbilincs        | 33035112       | 33035137       | 33035153       | 33035172       |
|                |  Bifix® G2 Csőbilincs | 3008115        | 3008130        | 3008160        | 3008169        |

| Csőátmérő (mm) | Termék                                                                                                   | BISOFIX® PIR20 | BISOFIX® PIR30 | BISOFIX® PIR40 | BISOFIX® PIR50 |
|----------------|----------------------------------------------------------------------------------------------------------|----------------|----------------|----------------|----------------|
| 76.0           |  BISOFIX® PIR           | I200000076     | I300000076     | I400000076     | I500000076     |
|                |  2S Csőbilincs          | 33035118       | 33035137       | 33035162       | 33035183       |
|                |  Bifix® G2 Csőbilincs   | 3008115        | 3008140        | 3008160        | 3008180        |
| 89.0           |  BISOFIX® PIR           | I200000089     | I300000089     | I400000089     | I500000089     |
|                |  2S Csőbilincs          | 33035137       | 33035153       | 33035172       | 33035194       |
|                |  Bifix® G2 Csőbilincs   | 3008130        | 3008160        | 3008180        | 3008200        |
| 102.0          |  BISOFIX® PIR           | I200000102     | I300000102     | I400000102     | I500000102     |
|                |  2S Csőbilincs          | 33035144       | 33035162       | 33035183       | 33035205       |
|                |  Bifix® G2 Csőbilincs   | 3008140        | 3008160        | 3008180        | 3008200        |
| 108.0          |  BISOFIX® PIR           | I200000108     | I300000108     | I400000108     | I500000108     |
|                |  2S Csőbilincs          | 33035153       | 33035172       | 33035194       | 33035216       |
|                |  Bifix® G2 Csőbilincs   | 3008160        | 3008169        | 3008200        | 3008210        |
| 114.0          |  BISOFIX® PIR           | I200000114     | I300000114     | I400000114     | I500000114     |
|                |  2S Csőbilincs          | 33035162       | 33035183       | 33035194       | 33035216       |
|                |  Bifix® G2 Csőbilincs   | 3008160        | 3008180        | 3008200        | 3008210        |
| 133.0          |  BISOFIX® PIR           | I200000133     | I300000133     | I400000133     | I500000133     |
|                |  2S Csőbilincs          | 33035183       | 33035194       | 33035216       | -              |
|                |  Bifix® G2 Csőbilincs   | 3008180        | 3008200        | 3008210        | -              |
| 140.0          |  BISOFIX® PIR           | I200000140     | I300000140     | I400000140     | I500000140     |
|                |  2S Csőbilincs        | 33035183       | 33035205       | 33035225       | -              |
|                |  Bifix® G2 Csőbilincs | 3008180        | 3008200        | 3008225        | -              |
| 159.0 - 160.0  |  BISOFIX® PIR         | I200000160     | I300000160     | I400000160     | I500000160     |
|                |  2S Csőbilincs        | 33035205       | 33035225       | -              | -              |
|                |  Bifix® G2 Csőbilincs | 3008200        | 3008225        | -              | -              |
|                |  BIS HD500 Csőbilincs | 33048202       | 33048219       | 33068241       | 33068264       |
| 168.3          |  BISOFIX® PIR         | I200000168     | I300000168     | I400000168     | I500000168     |
|                |  2S Csőbilincs        | 33035216       | -              | -              | -              |
|                |  Bifix® G2 Csőbilincs | 3008210        | -              | -              | -              |
|                |  BIS HD500 Csőbilincs | 33048219       | 33048227       | 33068254       | 33068279       |
| 219.0          |  BISOFIX® PIR         | I200000219     | I300000219     | I400000219     | I500000219     |
|                |  2S Csőbilincs        | -              | -              | -              | -              |
|                |  Bifix® G2 Csőbilincs | -              | -              | -              | -              |
|                |  BIS HD500 Csőbilincs | 33068264       | 33068289       | 33068302       | 33068325       |
| 273.1          |  BISOFIX® PIR         | I200000273     | I300000273     | I400000273     | I500000273     |
|                |  2S Csőbilincs        | -              | -              | -              | -              |
|                |  Bifix® G2 Csőbilincs | -              | -              | -              | -              |
|                |  BIS HD500 Csőbilincs | 33068325       | 33068325       | 33068360       | 33068374       |
| 323.9          |  BISOFIX® PIR         |                | I300000324     | I400000324     | I500000324     |
|                |  2S Csőbilincs        |                | -              | -              | -              |
|                |  Bifix® G2 Csőbilincs |                | -              | -              | -              |
|                |  BIS HD500 Csőbilincs |                | 33068389       | 33068408       | 33068436       |
| 406.4          |  BISOFIX® PIR         |                |                |                | I500000406     |
|                |  2S Csőbilincs        |                |                |                | -              |
|                |  Bifix® G2 Csőbilincs |                |                |                | -              |
|                |  BIS HD500 Csőbilincs |                |                |                | 33068509       |