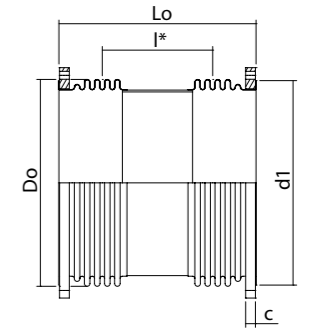


EXHAUST EXPANSION JOINTS WITH LOOSE FLANGES

US2BU / ID no. 21

PN 1 - with flange drilling according to DIN 86044

Weblink: 13504



US

| DN Nominal diameter | MOVEMENT | | LENGTH Built-in length Lo mm | ID no. | FLANGE | | BELLOW | | | ADJUSTING FORCES | | WEIGHT kg | DN Nominal diameter | MOVEMENT | | LENGTH Built-in length Lo mm | ID no. | FLANGE | | BELLOW | | | ADJUSTING FORCES | | WEIGHT kg |
|------------------------|-----------------|-----------------|------------------------------------|-----------|----------------------|------------------|------------------------------|--------------------------------|-----------------------------|------------------|------------------|--------------|------------------------|-----------------|-----------------|------------------------------------|--------|----------------------|------------------|------------------------------|--------------------------------|-----------------------------|------------------|------------------|--------------|
| | AX 2δN mm | LA 2λN mm | | | Thickness c mm | OFD* d1 mm | Outside diameter Do mm | Eff. cross-section A cm² | Centre distance l* mm | AX Cδ N/mm | LA Cλ N/mm | | | AX 2δN mm | LA 2λN mm | | | Thickness c mm | OFD* d1 mm | Outside diameter Do mm | Eff. cross-section A cm² | Centre distance l* mm | AX Cδ N/mm | LA Cλ N/mm | |
| 50 | 60 | 146 | 335 | 21.007.10 | 20 | 80 | 69 | 27,9 | 194 | 37 | 1,5 | 6,4 | | | | | | | | | | | | | |
| 65 | 69 | 125 | 315 | 21.008.10 | 20 | 98 | 87 | 46,0 | 184 | 32 | 2,4 | 7,5 | | | | | | | | | | | | | |
| 80 | 64 | 124 | 360 | 21.009.10 | 20 | 113 | 114 | 79,4 | 239 | 32 | 2,9 | 9,3 | | | | | | | | | | | | | |
| 100 | 92 | 126 | 355 | 21.010.10 | 22 | 141 | 145 | 131 | 225 | 20 | 3,5 | 11,4 | | | | | | | | | | | | | |
| 125 | 94 | 124 | 385 | 21.011.10 | 22 | 170 | 171 | 188 | 255 | 23 | 4,5 | 14,7 | | | | | | | | | | | | | |
| 150 | 101 | 121 | 420 | 21.012.10 | 24 | 201 | 204 | 271 | 276 | 26 | 6,2 | 19,4 | | | | | | | | | | | | | |
| 200 | 135 | 80 | 325 | 21.014.10 | 16 | 252 | 257 | 442 | 186 | 20 | 17 | 15,2 | | | | | | | | | | | | | |
| 250 | 122 | 81 | 385 | 21.015.10 | 16 | 306 | 309 | 663 | 246 | 30 | 21 | 21,7 | | | | | | | | | | | | | |
| 300 | 153 | 83 | 395 | 21.016.10 | 16 | 357 | 365 | 927 | 245 | 35 | 37 | 30,4 | | | | | | | | | | | | | |
| 350 | 126 | 64 | 365 | 21.017.10 | 16 | 391 | 404 | 1132 | 241 | 20 | 25 | 33,3 | | | | | | | | | | | | | |
| 400 | 187 | 80 | 410 | 21.018.10 | 16 | 442 | 461 | 1478 | 243 | 30 | 47 | 39,7 | | | | | | | | | | | | | |
| 450 | 184 | 80 | 440 | 21.019.10 | 16 | 493 | 511 | 1842 | 274 | 35 | 55 | 47,4 | | | | | | | | | | | | | |
| 500 | 199 | 82 | 475 | 21.020.10 | 16 | 544 | 566 | 2263 | 291 | 36 | 65 | 49,4 | | | | | | | | | | | | | |
| 600 | 180 | 81 | 580 | 21.022.10 | 20 | 643 | 679 | 3257 | 374 | 65 | 109 | 76,2 | | | | | | | | | | | | | |
| 700 | 177 | 80 | 610 | 21.024.10 | 20 | 745 | 777 | 4335 | 414 | 75 | 130 | 86,9 | | | | | | | | | | | | | |
| 800 | 300 | 82 | 570 | 21.026.10 | 20 | 847 | 886 | 5654 | 314 | 43 | 149 | 102 | | | | | | | | | | | | | |
| 900 | 306 | 80 | 610 | 21.028.10 | 20 | 949 | 990 | 7110 | 344 | 44 | 172 | 116 | | | | | | | | | | | | | |
| 1000 | 255 | 72 | 630 | 21.030.10 | 20 | 1051 | 1098 | 8765 | 394 | 46 | 181 | 136 | | | | | | | | | | | | | |
| 1100 | 204 | 59 | 610 | 21.031.10 | 20 | 1155 | 1198 | 10540 | 414 | 72 | 303 | 142 | | | | | | | | | | | | | |
| 1200 | 204 | 56 | 610 | 21.032.10 | 20 | 1255 | 1264 | 11794 | 414 | 82 | 328 | 154 | | | | | | | | | | | | | |
| 1300 | 255 | 59 | 620 | 21.033.10 | 20 | 1355 | 1364 | 13818 | 394 | 76 | 379 | 160 | | | | | | | | | | | | | |
| 1400 | 255 | 58 | 640 | 21.034.10 | 20 | 1455 | 1464 | 15980 | 414 | 81 | 429 | 175 | | | | | | | | | | | | | |
| 1500 | 256 | 59 | 670 | 21.035.10 | 20 | 1555 | 1564 | 18299 | 444 | 87 | 461 | 191 | | | | | | | | | | | | | |
| 1600 | 257 | 60 | 700 | 21.036.10 | 20 | 1655 | 1664 | 20776 | 474 | 92 | 492 | 208 | | | | | | | | | | | | | |
| 1700 | 254 | 40 | 580 | 21.037.10 | 20 | 1755 | 1764 | 23409 | 354 | 98 | 1010 | 200 | | | | | | | | | | | | | |
| 1800 | 253 | 40 | 600 | 21.038.10 | 20 | 1855 | 1864 | 26199 | 374 | 103 | 1080 | 215 | | | | | | | | | | | | | |
| 1900 | 251 | 40 | 620 | 21.039.10 | 20 | 1955 | 1963 | 29132 | 394 | 113 | 1190 | 230 | | | | | | | | | | | | | |
| 2000 | 236 | 40 | 660 | 21.040.10 | 20 | 2055 | 2061 | 32204 | 434 | 128 | 1250 | 250 | | | | | | | | | | | | | |
| 2100 | 264 | 35 | 600 | 21.041.10 | 20 | 2155 | 2161 | 35466 | 368 | 104 | 1520 | 261 | | | | | | | | | | | | | |
| 2200 | 267 | 36 | 620 | 21.042.10 | 20 | 2255 | 2260 | 38865 | 388 | 113 | 1650 | 277 | | | | | | | | | | | | | |

This page is intentionally left blank

* OFD= Outside face diameter

Design code: EJMA 9
Temperature: Calculated at 550°C
Minimum fatigue life: 1000 cycles

Important: The movements should be considered alternatives. The total accumulated coefficient of utilisation cannot exceed 1.

Please refer to Weblink 13504 or the QR code to access online tools and online inquiry/order form and more

information about: **Primer, connection ends, inner sleeve, cover etc.**

