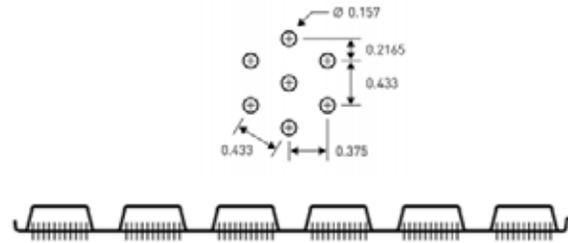
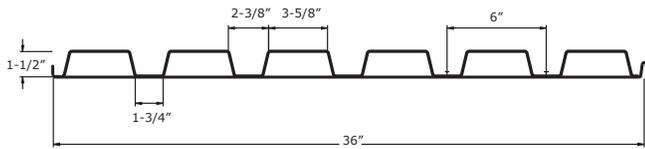


7.5 DGBF-36A & BF-36A

Pan Perforated Cellular Acustadek®



Panel Properties

| Gage | Weight w psf | Base Metal Thickness t in | Yield Strength F _y ksi | Tensile Strength F _u ksi | Gross Section Properties | | | | |
|-------|--------------------|------------------------------------|---|--|---|---|--|---|----------------------------------|
| | | | | | Area A _g in ² /ft | Moment of Inertia I _g in ⁴ /ft | Distance to N.A. from Bottom y _b in | Section Modulus S _g in ³ /ft | Radius of Gyration r in |
| | | | | | | | | | |
| 20/20 | 3.19 | 0.0359/0.036 | 50 | 65 | 0.938 | 0.446 | 0.64 | 0.454 | 0.665 |
| 20/18 | 3.56 | 0.0359/0.047 | 50 | 65 | 1.046 | 0.485 | 0.59 | 0.463 | 0.651 |
| 20/16 | 3.96 | 0.0359/0.059 | 50 | 65 | 1.163 | 0.520 | 0.54 | 0.471 | 0.634 |
| 18/20 | 3.84 | 0.0478/0.036 | 50 | 65 | 1.129 | 0.547 | 0.70 | 0.589 | 0.677 |
| 18/18 | 4.21 | 0.0478/0.047 | 50 | 65 | 1.237 | 0.595 | 0.65 | 0.602 | 0.670 |
| 18/16 | 4.61 | 0.0478/0.059 | 50 | 65 | 1.355 | 0.641 | 0.61 | 0.613 | 0.659 |
| 16/20 | 4.50 | 0.0598/0.036 | 50 | 65 | 1.321 | 0.641 | 0.75 | 0.702 | 0.682 |
| 16/18 | 4.86 | 0.0598/0.047 | 50 | 65 | 1.429 | 0.699 | 0.71 | 0.728 | 0.679 |
| 16/16 | 5.26 | 0.0598/0.059 | 50 | 65 | 1.547 | 0.753 | 0.67 | 0.751 | 0.674 |

| Gage | Effective Section Modulus for Bending at F _y | | | | | Effective Moment of Inertia for Deflection at Service Load | | | |
|-------|--|--|--|--|--|--|--|---|---|
| | Area A _{e+} in ² /ft | Section Modulus S _{e+} in ³ /ft | Distance to N.A. from Bottom y _b in | Section Modulus S _{e-} in ³ /ft | Distance to N.A. from Bottom y _b in | Moment of Inertia I _{e+} in ⁴ /ft | Moment of Inertia I _{e-} in ⁴ /ft | Uniform Load Only | |
| | | | | | | | | I _u = (2I _e +I _g)/3 | I _u = (2I _e +I _g)/3 |
| 20/20 | 0.618 | 0.256 | 0.48 | 0.411 | 0.33 | 0.344 | 0.369 | 0.378 | 0.394 |
| 20/18 | 0.715 | 0.273 | 0.44 | 0.446 | 0.69 | 0.371 | 0.424 | 0.409 | 0.444 |
| 20/16 | 0.826 | 0.279 | 0.40 | 0.459 | 0.62 | 0.394 | 0.486 | 0.436 | 0.497 |
| 18/20 | 0.841 | 0.401 | 0.58 | 0.565 | 0.79 | 0.475 | 0.463 | 0.499 | 0.491 |
| 18/18 | 0.938 | 0.411 | 0.54 | 0.581 | 0.74 | 0.514 | 0.522 | 0.541 | 0.546 |
| 18/16 | 1.050 | 0.419 | 0.50 | 0.597 | 0.68 | 0.551 | 0.592 | 0.581 | 0.608 |
| 16/20 | 1.061 | 0.552 | 0.66 | 0.657 | 0.82 | 0.601 | 0.558 | 0.615 | 0.585 |
| 16/18 | 1.158 | 0.565 | 0.62 | 0.711 | 0.77 | 0.653 | 0.618 | 0.668 | 0.645 |
| 16/16 | 1.270 | 0.577 | 0.58 | 0.730 | 0.73 | 0.684 | 0.694 | 0.707 | 0.714 |

Reactions at Supports (plf) Based on Web Crippling

| Gage | Condition | Bearing Length of Webs | | | | | | | |
|------|-----------|------------------------|------|------|------|----------|------|------|------|
| | | ASD, R/Ω | | | | LRFD, φR | | | |
| | | 1" | 1.5" | 2" | 3" | 1" | 1.5" | 2" | 3" |
| 22 | End | 772 | 874 | 960 | 1105 | 1180 | 1337 | 1469 | 1691 |
| | Interior | 1229 | 1366 | 1482 | 1675 | 1828 | 2032 | 2204 | 2492 |
| 20 | End | 1081 | 1220 | 1336 | 1532 | 1655 | 1866 | 2045 | 2344 |
| | Interior | 1737 | 1922 | 2078 | 2339 | 2584 | 2859 | 3091 | 3479 |
| 18 | End | 1834 | 2053 | 2239 | 2550 | 2805 | 3142 | 3425 | 3901 |
| | Interior | 2984 | 3277 | 3525 | 3940 | 4439 | 4875 | 5243 | 5860 |
| 16 | End | 2771 | 3086 | 3351 | 3796 | 4240 | 4721 | 5127 | 5809 |
| | Interior | 4555 | 4975 | 5329 | 5923 | 6776 | 7401 | 7927 | 8810 |

Constants

h = 1.32"

r = 0.125"

θ = 78.3°

Inward Allowable (f_b/Ω) and Factored (Φf_b) Distributed Load (lbs/ft²)

| Inward Allowable (f_b/Ω) and Factored (Φf_b) Distributed Load (lbs/ft ²) | | | | | | | | | | | |
|---|------|-----------------|------------------------------|---------|---------|---------|---------|----------|----------|----------|----------|
| Gauge | Span | Limit Condition | Panel Span (Support Spacing) | | | | | | | | |
| | | | 4' - 0" | 5' - 0" | 6' - 0" | 7' - 0" | 8' - 0" | 10' - 0" | 12' - 0" | 14' - 0" | 16' - 0" |
| 20/20 | SS | f_b / Ω | 320 | 205 | 142 | 104 | 80 | 51 | 36 | 26 | 20 |
| | | Φf_b | 480 | 307 | 214 | 157 | 120 | 77 | 53 | 39 | 30 |
| | | L/360 | 258 | 132 | 77 | 48 | 32 | 17 | 10 | 6 | 4 |
| | | L/240 | 387 | 198 | 115 | 72 | 48 | 25 | 14 | 9 | 6 |
| | | L/180 | 517 | 264 | 153 | 96 | 65 | 33 | 19 | 12 | 8 |
| | | L/120 | 775 | 397 | 230 | 145 | 97 | 50 | 29 | 18 | 12 |
| | DS | f_b / Ω | 513 | 328 | 228 | 168 | 128 | 82 | 57 | 42 | 32 |
| | | Φf_b | 771 | 493 | 343 | 252 | 193 | 123 | 86 | 63 | 48 |
| | | L/360 | 622 | 319 | 184 | 116 | 78 | 40 | 23 | 15 | 10 |
| | | L/240 | 933 | 478 | 277 | 174 | 117 | 60 | 35 | 22 | 15 |
| | | L/180 | 1244 | 637 | 369 | 232 | 156 | 80 | 46 | 29 | 19 |
| | | L/120 | 1866 | 956 | 553 | 348 | 233 | 119 | 69 | 44 | 29 |
| | TS | f_b / Ω | 499 | 320 | 222 | 163 | 125 | 80 | 55 | 41 | 31 |
| | | Φf_b | 751 | 480 | 334 | 245 | 188 | 120 | 83 | 61 | 47 |
| | | L/360 | 487 | 250 | 144 | 91 | 61 | 31 | 18 | 11 | 8 |
| | | L/240 | 731 | 374 | 217 | 136 | 91 | 47 | 27 | 17 | 11 |
| | | L/180 | 975 | 499 | 289 | 182 | 122 | 62 | 36 | 23 | 15 |
| | | L/120 | 1462 | 749 | 433 | 273 | 183 | 94 | 54 | 34 | 23 |
| 20/18 | SS | f_b / Ω | 341 | 218 | 151 | 111 | 85 | 55 | 38 | 28 | 21 |
| | | Φf_b | 512 | 328 | 228 | 167 | 128 | 82 | 57 | 42 | 32 |
| | | L/360 | 279 | 143 | 83 | 52 | 35 | 18 | 10 | 7 | 4 |
| | | L/240 | 419 | 214 | 124 | 78 | 52 | 27 | 16 | 10 | 7 |
| | | L/180 | 559 | 286 | 166 | 104 | 70 | 36 | 21 | 13 | 9 |
| | | L/120 | 838 | 429 | 248 | 156 | 105 | 54 | 31 | 20 | 13 |
| | DS | f_b / Ω | 557 | 356 | 247 | 182 | 139 | 89 | 62 | 45 | 35 |
| | | Φf_b | 837 | 536 | 372 | 273 | 209 | 134 | 93 | 68 | 52 |
| | | L/360 | 673 | 344 | 199 | 126 | 84 | 43 | 25 | 16 | 11 |
| | | L/240 | 1009 | 517 | 299 | 188 | 126 | 65 | 37 | 24 | 16 |
| | | L/180 | 1346 | 689 | 399 | 251 | 168 | 86 | 50 | 31 | 21 |
| | | L/120 | 2018 | 1033 | 598 | 377 | 252 | 129 | 75 | 47 | 32 |
| | TS | f_b / Ω | 533 | 341 | 237 | 174 | 133 | 85 | 59 | 43 | 33 |
| | | Φf_b | 800 | 512 | 356 | 261 | 200 | 128 | 89 | 65 | 50 |
| | | L/360 | 527 | 270 | 156 | 98 | 66 | 34 | 20 | 12 | 8 |
| | | L/240 | 791 | 405 | 234 | 148 | 99 | 51 | 29 | 18 | 12 |
| | | L/180 | 1054 | 540 | 312 | 197 | 132 | 67 | 39 | 25 | 16 |
| | | L/120 | 1581 | 810 | 468 | 295 | 198 | 101 | 59 | 37 | 25 |
| 20/16 | SS | f_b / Ω | 348 | 223 | 155 | 114 | 87 | 56 | 39 | 28 | 22 |
| | | Φf_b | 523 | 334 | 232 | 171 | 131 | 84 | 58 | 43 | 33 |
| | | L/360 | 298 | 153 | 88 | 56 | 37 | 19 | 11 | 7 | 5 |
| | | L/240 | 447 | 229 | 132 | 83 | 56 | 29 | 17 | 10 | 7 |
| | | L/180 | 596 | 305 | 177 | 111 | 74 | 38 | 22 | 14 | 9 |
| | | L/120 | 894 | 458 | 265 | 167 | 112 | 57 | 33 | 21 | 14 |
| | DS | f_b / Ω | 573 | 367 | 255 | 187 | 143 | 92 | 64 | 47 | 36 |
| | | Φf_b | 861 | 551 | 383 | 281 | 215 | 138 | 96 | 70 | 54 |
| | | L/360 | 718 | 367 | 213 | 134 | 90 | 46 | 27 | 17 | 11 |
| | | L/240 | 1076 | 551 | 319 | 201 | 135 | 69 | 40 | 25 | 17 |
| | | L/180 | 1435 | 735 | 425 | 268 | 179 | 92 | 53 | 33 | 22 |
| | | L/120 | 2153 | 1102 | 638 | 402 | 269 | 138 | 80 | 50 | 34 |
| | TS | f_b / Ω | 543 | 348 | 241 | 177 | 136 | 87 | 60 | 44 | 34 |
| | | Φf_b | 817 | 523 | 363 | 267 | 204 | 131 | 91 | 67 | 51 |
| | | L/360 | 562 | 288 | 167 | 105 | 70 | 36 | 21 | 13 | 9 |
| | | L/240 | 843 | 432 | 250 | 157 | 105 | 54 | 31 | 20 | 13 |
| | | L/180 | 1124 | 576 | 333 | 210 | 141 | 72 | 42 | 26 | 18 |
| | | L/120 | 1686 | 863 | 500 | 315 | 211 | 108 | 62 | 39 | 26 |

7.5 DGBF-36A & BF-36A

Pan Perforated Cellular Acustadek®



Inward Allowable (f_b/Ω) and Factored (Φf_b) Distributed Load (lbs/ft²)

| Inward Allowable (f_b/Ω) and Factored (Φf_b) Distributed Load (lbs/ft ²) | | | | | | | | | | | |
|---|------|-----------------|------------------------------|---------|---------|---------|---------|----------|----------|----------|----------|
| Gauge | Span | Limit Condition | Panel Span (Support Spacing) | | | | | | | | |
| | | | 4' - 0" | 5' - 0" | 6' - 0" | 7' - 0" | 8' - 0" | 10' - 0" | 12' - 0" | 14' - 0" | 16' - 0" |
| 18/20 | SS | f_b/Ω | 501 | 320 | 223 | 164 | 125 | 80 | 56 | 41 | 31 |
| | | Φf_b | 753 | 482 | 335 | 246 | 188 | 120 | 84 | 61 | 47 |
| | | L/360 | 341 | 174 | 101 | 64 | 43 | 22 | 13 | 8 | 5 |
| | | L/240 | 511 | 262 | 151 | 95 | 64 | 33 | 19 | 12 | 8 |
| | | L/180 | 681 | 349 | 202 | 127 | 85 | 44 | 25 | 16 | 11 |
| | | L/120 | 1022 | 523 | 303 | 191 | 128 | 65 | 38 | 24 | 16 |
| | DS | f_b/Ω | 705 | 451 | 313 | 230 | 176 | 113 | 78 | 58 | 44 |
| | | Φf_b | 1060 | 678 | 471 | 346 | 265 | 170 | 118 | 87 | 66 |
| | | L/360 | 821 | 420 | 243 | 153 | 103 | 53 | 30 | 19 | 13 |
| | | L/240 | 1231 | 630 | 365 | 230 | 154 | 79 | 46 | 29 | 19 |
| | | L/180 | 1641 | 840 | 486 | 306 | 205 | 105 | 61 | 38 | 26 |
| | | L/120 | 2462 | 1260 | 729 | 459 | 308 | 158 | 91 | 57 | 38 |
| | TS | f_b/Ω | 782 | 501 | 348 | 255 | 196 | 125 | 87 | 64 | 49 |
| | | Φf_b | 1176 | 753 | 523 | 384 | 294 | 188 | 131 | 96 | 73 |
| | | L/360 | 643 | 329 | 190 | 120 | 80 | 41 | 24 | 15 | 10 |
| | | L/240 | 964 | 494 | 286 | 180 | 121 | 62 | 36 | 22 | 15 |
| | | L/180 | 1286 | 658 | 381 | 240 | 161 | 82 | 48 | 30 | 20 |
| | | L/120 | 1928 | 987 | 571 | 360 | 241 | 123 | 71 | 45 | 30 |
| 18/18 | SS | f_b/Ω | 513 | 328 | 228 | 167 | 128 | 82 | 57 | 42 | 32 |
| | | Φf_b | 770 | 493 | 342 | 252 | 193 | 123 | 86 | 63 | 48 |
| | | L/360 | 370 | 189 | 110 | 69 | 46 | 24 | 14 | 9 | 6 |
| | | L/240 | 554 | 284 | 164 | 103 | 69 | 35 | 21 | 13 | 9 |
| | | L/180 | 739 | 379 | 219 | 138 | 92 | 47 | 27 | 17 | 12 |
| | | L/120 | 1109 | 568 | 329 | 207 | 139 | 71 | 41 | 26 | 17 |
| | DS | f_b/Ω | 725 | 464 | 322 | 237 | 181 | 116 | 81 | 59 | 45 |
| | | Φf_b | 1090 | 697 | 484 | 356 | 272 | 174 | 121 | 89 | 68 |
| | | L/360 | 890 | 456 | 264 | 166 | 111 | 57 | 33 | 21 | 14 |
| | | L/240 | 1336 | 684 | 396 | 249 | 167 | 85 | 49 | 31 | 21 |
| | | L/180 | 1781 | 912 | 528 | 332 | 223 | 114 | 66 | 42 | 28 |
| | | L/120 | 2671 | 1368 | 792 | 498 | 334 | 171 | 99 | 62 | 42 |
| | TS | f_b/Ω | 801 | 513 | 356 | 261 | 200 | 128 | 89 | 65 | 50 |
| | | Φf_b | 1204 | 770 | 535 | 393 | 301 | 193 | 134 | 98 | 75 |
| | | L/360 | 698 | 357 | 207 | 130 | 87 | 45 | 26 | 16 | 11 |
| | | L/240 | 1046 | 536 | 310 | 195 | 131 | 67 | 39 | 24 | 16 |
| | | L/180 | 1395 | 714 | 413 | 260 | 174 | 89 | 52 | 33 | 22 |
| | | L/120 | 2093 | 1071 | 620 | 390 | 262 | 134 | 78 | 49 | 33 |
| 18/16 | SS | f_b/Ω | 522 | 334 | 232 | 171 | 131 | 84 | 58 | 43 | 33 |
| | | Φf_b | 785 | 502 | 349 | 256 | 196 | 126 | 87 | 64 | 49 |
| | | L/360 | 397 | 203 | 117 | 74 | 50 | 25 | 15 | 9 | 6 |
| | | L/240 | 595 | 305 | 176 | 111 | 74 | 38 | 22 | 14 | 9 |
| | | L/180 | 793 | 406 | 235 | 148 | 99 | 51 | 29 | 18 | 12 |
| | | L/120 | 1190 | 609 | 352 | 222 | 149 | 76 | 44 | 28 | 19 |
| | DS | f_b/Ω | 744 | 476 | 331 | 243 | 186 | 119 | 83 | 61 | 47 |
| | | Φf_b | 1119 | 716 | 497 | 365 | 280 | 179 | 124 | 91 | 70 |
| | | L/360 | 955 | 489 | 283 | 178 | 119 | 61 | 35 | 22 | 15 |
| | | L/240 | 1433 | 734 | 424 | 267 | 179 | 92 | 53 | 33 | 22 |
| | | L/180 | 1910 | 978 | 566 | 356 | 239 | 122 | 71 | 45 | 30 |
| | | L/120 | 2865 | 1467 | 849 | 535 | 358 | 183 | 106 | 67 | 45 |
| | TS | f_b/Ω | 816 | 522 | 363 | 266 | 204 | 131 | 91 | 67 | 51 |
| | | Φf_b | 1226 | 785 | 545 | 400 | 307 | 196 | 136 | 100 | 77 |
| | | L/360 | 748 | 383 | 222 | 140 | 94 | 48 | 28 | 17 | 12 |
| | | L/240 | 1122 | 575 | 333 | 209 | 140 | 72 | 42 | 26 | 18 |
| | | L/180 | 1496 | 766 | 443 | 279 | 187 | 96 | 55 | 35 | 23 |
| | | L/120 | 2245 | 1149 | 665 | 419 | 281 | 144 | 83 | 52 | 35 |

Inward Allowable (f_b/Ω) and Factored (Φf_b) Distributed Load (lbs/ft²)

| Inward Allowable (f_b/Ω) and Factored (Φf_b) Distributed Load (lbs/ft ²) | | | | | | | | | | | |
|---|------|-----------------|------------------------------|---------|---------|---------|---------|----------|----------|----------|----------|
| Gauge | Span | Limit Condition | Panel Span (Support Spacing) | | | | | | | | |
| | | | 4' - 0" | 5' - 0" | 6' - 0" | 7' - 0" | 8' - 0" | 10' - 0" | 12' - 0" | 14' - 0" | 16' - 0" |
| 16/20 | SS | f_b/Ω | 689 | 441 | 306 | 225 | 172 | 110 | 77 | 56 | 43 |
| | | Φf_b | 1035 | 662 | 460 | 338 | 259 | 166 | 115 | 85 | 65 |
| | | L/360 | 420 | 215 | 124 | 78 | 52 | 27 | 16 | 10 | 7 |
| | | L/240 | 630 | 322 | 187 | 117 | 79 | 40 | 23 | 15 | 10 |
| | | L/180 | 839 | 430 | 249 | 157 | 105 | 54 | 31 | 20 | 13 |
| | | L/120 | 1259 | 645 | 373 | 235 | 157 | 81 | 47 | 29 | 20 |
| | DS | f_b/Ω | 819 | 524 | 364 | 267 | 205 | 131 | 91 | 67 | 51 |
| | | Φf_b | 1231 | 788 | 547 | 402 | 308 | 197 | 137 | 101 | 77 |
| | | L/360 | 1011 | 518 | 300 | 189 | 126 | 65 | 37 | 24 | 16 |
| | | L/240 | 1516 | 776 | 449 | 283 | 190 | 97 | 56 | 35 | 24 |
| | | L/180 | 2022 | 1035 | 599 | 377 | 253 | 129 | 75 | 47 | 32 |
| | | L/120 | 3033 | 1553 | 899 | 566 | 379 | 194 | 112 | 71 | 47 |
| | TS | f_b/Ω | 1024 | 655 | 455 | 334 | 256 | 164 | 114 | 84 | 64 |
| | | Φf_b | 1539 | 985 | 684 | 503 | 385 | 246 | 171 | 126 | 96 |
| | | L/360 | 792 | 405 | 235 | 148 | 99 | 51 | 29 | 18 | 12 |
| | | L/240 | 1188 | 608 | 352 | 222 | 148 | 76 | 44 | 28 | 19 |
| | | L/180 | 1584 | 811 | 469 | 296 | 198 | 101 | 59 | 37 | 25 |
| | | L/120 | 2376 | 1216 | 704 | 443 | 297 | 152 | 88 | 55 | 37 |
| 16/18 | SS | f_b/Ω | 705 | 451 | 313 | 230 | 176 | 113 | 78 | 58 | 44 |
| | | Φf_b | 1060 | 678 | 471 | 346 | 265 | 170 | 118 | 87 | 66 |
| | | L/360 | 456 | 234 | 135 | 85 | 57 | 29 | 17 | 11 | 7 |
| | | L/240 | 685 | 351 | 203 | 128 | 86 | 44 | 25 | 16 | 11 |
| | | L/180 | 913 | 467 | 270 | 170 | 114 | 58 | 34 | 21 | 14 |
| | | L/120 | 1369 | 701 | 406 | 255 | 171 | 88 | 51 | 32 | 21 |
| | DS | f_b/Ω | 888 | 568 | 394 | 290 | 222 | 142 | 99 | 72 | 55 |
| | | Φf_b | 1334 | 854 | 593 | 436 | 333 | 213 | 148 | 109 | 83 |
| | | L/360 | 1099 | 563 | 326 | 205 | 137 | 70 | 41 | 26 | 17 |
| | | L/240 | 1649 | 844 | 489 | 308 | 206 | 106 | 61 | 38 | 26 |
| | | L/180 | 2199 | 1126 | 652 | 410 | 275 | 141 | 81 | 51 | 34 |
| | | L/120 | 3298 | 1689 | 977 | 615 | 412 | 211 | 122 | 77 | 52 |
| | TS | f_b/Ω | 1102 | 705 | 490 | 360 | 276 | 176 | 122 | 90 | 69 |
| | | Φf_b | 1656 | 1060 | 736 | 541 | 414 | 265 | 184 | 135 | 104 |
| | | L/360 | 861 | 441 | 255 | 161 | 108 | 55 | 32 | 20 | 13 |
| | | L/240 | 1292 | 661 | 383 | 241 | 161 | 83 | 48 | 30 | 20 |
| | | L/180 | 1723 | 882 | 510 | 321 | 215 | 110 | 64 | 40 | 27 |
| | | L/120 | 2584 | 1323 | 766 | 482 | 323 | 165 | 96 | 60 | 40 |
| 16/16 | SS | f_b/Ω | 719 | 460 | 320 | 235 | 180 | 115 | 80 | 59 | 45 |
| | | Φf_b | 1081 | 692 | 481 | 353 | 270 | 173 | 120 | 88 | 68 |
| | | L/360 | 483 | 247 | 143 | 90 | 60 | 31 | 18 | 11 | 8 |
| | | L/240 | 724 | 371 | 215 | 135 | 91 | 46 | 27 | 17 | 11 |
| | | L/180 | 966 | 494 | 286 | 180 | 121 | 62 | 36 | 23 | 15 |
| | | L/120 | 1448 | 742 | 429 | 270 | 181 | 93 | 54 | 34 | 23 |
| | DS | f_b/Ω | 910 | 583 | 405 | 297 | 228 | 146 | 101 | 74 | 57 |
| | | Φf_b | 1368 | 876 | 608 | 447 | 342 | 219 | 152 | 112 | 86 |
| | | L/360 | 1163 | 595 | 345 | 217 | 145 | 74 | 43 | 27 | 18 |
| | | L/240 | 1744 | 893 | 517 | 325 | 218 | 112 | 65 | 41 | 27 |
| | | L/180 | 2326 | 1191 | 689 | 434 | 291 | 149 | 86 | 54 | 36 |
| | | L/120 | 3489 | 1786 | 1034 | 651 | 436 | 223 | 129 | 81 | 55 |
| | TS | f_b/Ω | 1124 | 719 | 500 | 367 | 281 | 180 | 125 | 92 | 70 |
| | | Φf_b | 1689 | 1081 | 751 | 552 | 422 | 270 | 188 | 138 | 106 |
| | | L/360 | 911 | 466 | 270 | 170 | 114 | 58 | 34 | 21 | 14 |
| | | L/240 | 1366 | 700 | 405 | 255 | 171 | 87 | 51 | 32 | 21 |
| | | L/180 | 1822 | 933 | 540 | 340 | 228 | 117 | 67 | 42 | 28 |
| | | L/120 | 2733 | 1399 | 810 | 510 | 342 | 175 | 101 | 64 | 43 |