

ESX WOOFER - DATEN

Gehäusevolumen (Vb) geschlossen

| LS-TYP | D in mm | Xmax mm | SD qcm | Mms g | Re Ohm | Thiele/Small - Parameter | | | | | | | VC mm | RMS (W) | Einbaumaße | | Verwendung F=Free Air BR=Baßreflex G=Geschlossen BP=Bandpass-Gehäuse | bei verschiedenen Güten (Qtc)/ -3 db Frequenz (F3) | | | | | |
|----------------|---------|---------|--------|-------|--------|--------------------------|------|------|-------------|------------|----------|-------|-------|---------|------------|--------------|--|--|---------|----------------|---------|----------------|---------|
| | | | | | | Fs (Hz) | Qms | Qes | Qts | VAS (L) | SPL (dB) | Le mH | | | Tiefe (mm) | Öffnung (mm) | | Vb (L) Qtc 0,7 | F3 (Hz) | Vb (L) Qtc 0,8 | F3 (Hz) | Vb (L) Qtc 0,9 | F3 (Hz) |
| C-10 | 266 | 36 | 346 | 102 | 2,8 | 31 | 3,11 | 0,29 | 0,26 | 45 | 89 | 1,2 | 50 | 400 | 133 | 235 | BR, BP, G | 7,2 | 84 | 5,3 | 86 | 4,1 | 89 |
| C-154 | 395 | 56 | 808 | 228 | 3 | 19 | 2,78 | 0,3 | 0,27 | 281 | 90 | 1,72 | 64 | 500 | 186 | 355 | BR, BP, G | 49,1 | 50 | 36,1 | 51 | 27,8 | 53 |
| AL-10 | 266 | 36 | 340 | 125 | 2,8 | 32 | 6,16 | 0,31 | 0,3 | 32 | 88 | 2 | 50 | 400 | 134 | 235 | BR, BP, G | 7,2 | 75 | 5,2 | 77 | 4,0 | 80 |
| AE-12 | 315 | 36 | 500 | 137 | 3,2 | 34 | 7,13 | 0,44 | 0,41 | 56 | 89 | 1,4 | 50 | 400 | 155 | 280 | BR, BP, G | 29,2 | 59 | 19,9 | 60 | 14,7 | 62 |
| SX-840 | 218 | 26 | 214 | 53 | 3,2 | 35 | 4,9 | 0,41 | 0,38 | 25 | 87 | 1,1 | 50 | 300 | 112 | 189 | BR, BP, G | 10,4 | 65 | 7,3 | 66 | 5,4 | 69 |
| SX-1040 | 265 | 30 | 332 | 99 | 3,2 | 29 | 5,3 | 0,34 | 0,32 | 47 | 87 | 1,1 | 50 | 400 | 127 | 236 | BR, BP, G | 12,4 | 64 | 9,0 | 65 | 6,8 | 68 |
| SX-1240 | 315 | 32 | 505 | 142 | 3,2 | 28 | 5,3 | 0,37 | 0,35 | 81 | 89 | 1,1 | 50 | 500 | 140 | 282 | BR, BP, G | 27,0 | 57 | 19,2 | 57 | 14,4 | 60 |
| SX-1222 | 315 | 32 | 499 | 290 | 2x2 | 29 | 6 | 0,44 | 0,41 | 37 | 87 | 1 | 76 | 750 | 168 | 280 | BR, BP, G | 19,3 | 50 | 13,2 | 51 | 9,7 | 53 |
| SX-1224 | 315 | 32 | 499 | 274 | 2x4 | 30 | 6 | 0,51 | 0,47 | 37 | 87 | 1 | 76 | 750 | 168 | 280 | BR, BP, G | 30,4 | 45 | 19,5 | 46 | 13,9 | 48 |
| SX1522 | 390 | 32 | 825 | 383 | 2x2 | 25 | 6 | 0,51 | 0,47 | 102 | 90 | 1 | 76 | 750 | 205 | 350 | BR, BP, G | 83,7 | 38 | 53,8 | 38 | 38,2 | 40 |
| SX-1524 | 390 | 32 | 825 | 367 | 2x4 | 26 | 6 | 0,5 | 0,46 | 102 | 90 | 1 | 76 | 750 | 205 | 350 | BR, BP, G | 77,5 | 40 | 50,4 | 41 | 36,1 | 42 |
| QX-1222 | 315 | 30 | 499 | 295 | 2x2 | 31 | 9 | 0,5 | 0,48 | 31 | 85/94 | 0,42 | 76 | 2500 | 208 | 282 | BR - SQ | 27,5 | 46 | 17,4 | 46 | 12,3 | 48 |
| QX-1222 | 315 | 30 | 499 | 295 | 2x2 | 31 | 9 | 0,5 | 0,48 | 31 | 85/94 | 0,42 | 76 | 2500 | 208 | 282 | BR - SPL | 27,5 | 46 | 17,4 | 46 | 12,3 | 48 |
| QX-1541 | 391 | 35 | 825 | 482 | 4x1 | 23 | 9 | 0,17 | 0,16 | 98 | 91/100 | 0,51 | 100 | 6000 | 255 | 356 | BR - SQ | 5,4 | 102 | 4,1 | 103 | 3,2 | 107 |
| QX-1541 | 391 | 35 | 825 | 482 | 4x1 | 23 | 9 | 0,17 | 0,16 | 98 | 91/100 | 0,51 | 100 | 6000 | 255 | 356 | BR - SPL | 5,4 | 102 | 4,1 | 103 | 3,2 | 107 |
| QL-1222 | 319 | 36 | 506 | 212 | 2x2 | 26 | 4,05 | 0,35 | 0,32 | 65 | 87/96 | 2 | 64 | 1000 | 200 | 282 | BR, BP, G | 17,2 | 57 | 12,4 | 58 | 9,4 | 61 |
| XE-84 | 209 | 30 | 216 | 64 | 3,2 | 31 | 4,9 | 0,38 | 0,35 | 27 | 86 | 1,7 | 50 | 200 | 102 | 183 | BR, BP, G | 9,0 | 63 | 6,4 | 64 | 4,8 | 66 |
| XE-104 | 256 | 32 | 346 | 96 | 3,2 | 30 | 5,5 | 0,44 | 0,4 | 49 | 87 | 2 | 50 | 250 | 124 | 232 | BR, BP, G | 23,8 | 53 | 16,3 | 54 | 12,1 | 56 |
| XE-124 | 310 | 32 | 530 | 138 | 3,2 | 24 | 5,7 | 0,35 | 0,33 | 125 | 89 | 1,9 | 50 | 300 | 138 | 281 | BR, BP, G | 35,7 | 51 | 25,6 | 52 | 19,4 | 54 |

| ESX BERECHNUNGEN-BASSREFLEX GEHÄUSE | | | | | | | | BERECHNUNGEN-BANDPASS GEHÄUSE | | | | | | | |
|-------------------------------------|----------------------|-------------------|----------------|-------------------|-----------------------------|--------|----------|-------------------------------|-----------------------|-----------------------|---------|---------------------------|--------|----------|----------|
| LS-TYP | Gehäusevolumen | | | Tuningfr. | Baßreflexrohr-Länge in cm | | | LS-TYP | Gehäusevolumen | | | Baßreflexrohr-Länge in cm | | | |
| | Vb (L) ventiliert | F3 (Hz) bei Vb | Güte bei Vb | Fb (Hz) bei Vb | D=7cm | D=10cm | D=2x10cm | | Vb (L) geschlossen | Vb2 (L) ventiliert | F3 (Hz) | D=8cm | D=10cm | D=2x10cm | D=4x10cm |
| C-10 | 25,0 | 40,0 | 0,44 | 44,0 | 17,00 | | | C-10 | 11,0 | 16,0 | 49,0 | | 16,00 | | |
| C-154 | 78,0 | 37,0 | 0,58 | 44,0 | | | 18,00 | C-154 | 45,0 | 55,0 | 38,0 | | | | 18,00 |
| AL-10 | 25,0 | 39,0 | 0,45 | 43,0 | 18,00 | | | AL-10 | 12,0 | 20,0 | 44,0 | | 16,00 | | |
| AE-12 | 55,0 | 35,0 | 0,58 | 40,0 | | 18,00 | | AE-12 | 24,0 | 29,0 | 39,0 | | | 18,00 | |
| SX-840 | 18,0 | 39,0 | 0,59 | 40,0 | 24, D=6cm | | | SX-840 | 8,0 | 14,0 | 43,0 | | 26,00 | | |
| SX-1040 | 32,0 | 35,0 | 0,50 | 38,0 | 18,00 | | | SX-1040 | 12,0 | 20,0 | 39,0 | | 26,00 | | |
| SX-1240 | 50,0 | 35,0 | 0,57 | 37,0 | | 26,00 | | SX-1240 | 24,0 | 32,0 | 39,0 | | | 26,00 | |
| SX-1222 | 45,0 | 33,0 | 0,55 | 41,0 | | 22,00 | | SX-1222 | 22,0 | 28,0 | 39,0 | | | 20,00 | |
| SX-1224 | 45,0 | 33,0 | 0,63 | 41,0 | | 22,00 | | SX-1224 | 22,0 | 28,0 | 39,0 | | | 20,00 | |
| SX1522 | 85,0 | 32,0 | 0,70 | 40,0 | | | 22,00 | SX1522 | 40,0 | 55,0 | 32,0 | | | | 22,00 |
| SX-1524 | 85,0 | 32,0 | 0,68 | 40,0 | | | 22,00 | SX-1524 | 40,0 | 55,0 | 32,0 | | | | 22,00 |
| QX-1222 | 56,0 | 29,0 | 0,60 | 38,0 | | 20,00 | | QX-1222 | 22,0 | 30,0 | 39,0 | | | 35,00 | |
| QX-1222 | 85,0 | 49,0 | 0,56 | 70,0 | A = 628 qcm, Länge = 20 cm | | | QX-1222 | 22,0 | 30,0 | 39,0 | | | 35,00 | |
| QX-1541 | 56,0 | 39,0 | 0,27 | 48,0 | | | 24,00 | QX-1541 | nur Bassreflex | | | | | | |
| QX-1541 | 113,0 | 57,0 | 0,22 | 70,0 | A = 1256 qcm, Länge = 20 cm | | | QX-1541 | nur Bassreflex | | | | | | |
| QL-1222 | 48,0 | 33,0 | 0,49 | 40,0 | | 22,00 | | QL-1222 | 19,0 | 30,0 | 39,0 | | | 35,00 | |
| XE-84 | 16,0 | 39,0 | 0,57 | 42,0 | 24, D=6cm | | | XE-84 | 8,0 | 14,0 | 43,0 | | 26,00 | | |
| XE-104 | 30,0 | 37,0 | 0,65 | 40,0 | 18,00 | | | XE-104 | 13,0 | 21,0 | 42,0 | | | 26,00 | |
| XE-124 | 50,0 | 36,0 | 0,62 | 37,0 | | 26,00 | | XE-124 | 24,0 | 32,0 | 38,0 | | | 26,00 | |