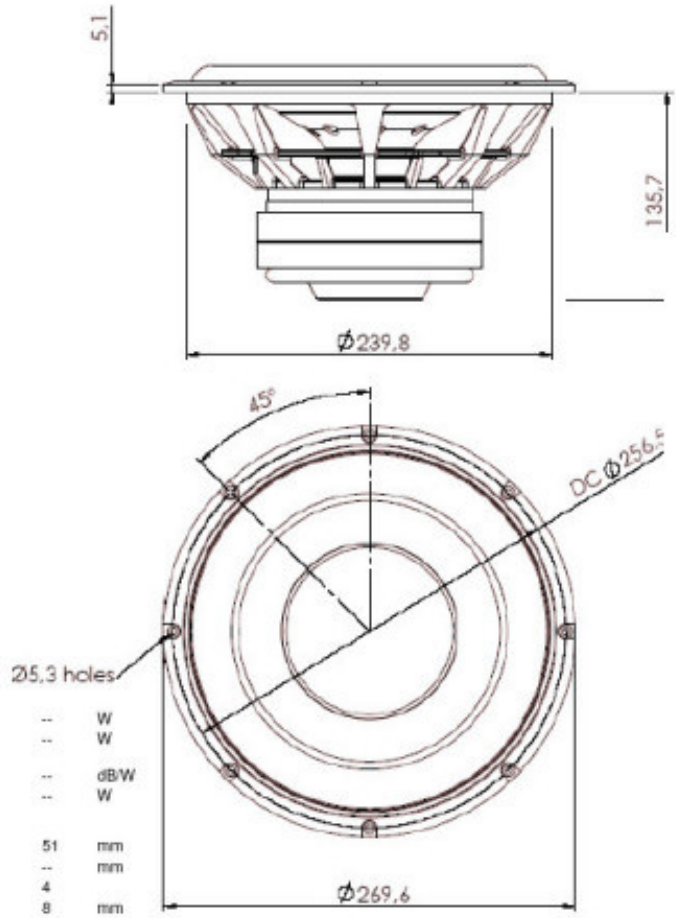
# 269SWR51XXLSA (830951)

Peerless




| Electrical Data | | | |
|---|---|---|---|
| Nominal impedance | Zn | 4 | ohm |
| Minimum impedance | Zmin | 3 | ohm |
| Maximum impedance | Zo | 71.6 | ohm |
| DC resistance | Re | 2.6 | ohm |
| Voice coil inductance | Le | 1.8 | mH |
| Capacitor in series with x ohm | Cc | -- | uF |
| **T-S Parameters** | | | |
| Resonance Frequency | fs | 20.8 | Hz |
| Mechanical Q factor | Qms | 8.4 | |
| Electrical Q factor | Qes | 0.32 | |
| Total Q factor | Qts | 0.3 | |
| Ratio fs/Qts | F | 69 | |
| Force factor | Bl | 10.2 | Tm |
| Mechanical resistance | Rms | 1.51 | Kg/s |
| Moving mass | Mms | 96.7 | g |
| Suspension compliance | Cms | 0.6 | mm/N |
| Effective cone diameter | D | 21.2 | cm |
| Effective piston area | Sd | 352 | $cm^2$ |
| Equivalent volume | Vas | 103.4 | ltrs |
| Sensitivity | | 90.3 | dB |
| Ratio BL/√(Re) | | 6.3 | |

| Power handling | | |
|---|---|---|
| 100h RMS noise test (IEC) | -- | W |
| Long-term Max System Power (IEC) | -- | W |
| Max linear SPL (rms) @ power | -- | dB/W |
| Short Term Max power | -- | W |
| **Voice Coil and Magnet Parameters** | | |
| Voice coil diameter | 51 | mm |
| Voice coil height | -- | mm |
| Voice coil layers | 4 | |
| Height of the gap | 8 | mm |
| Linear excursion +/- | 13 | mm |
| Max mech. excursion +/- | -- | mm |
| Flux density of gap | -- | mWb |
| Total useful flux | 2.3 | mWb |
| Diameter of magnet | 147 | mm |
| Height of magnet | 35 | mm |
| Weight of magnet | 2.2 | Kg |