

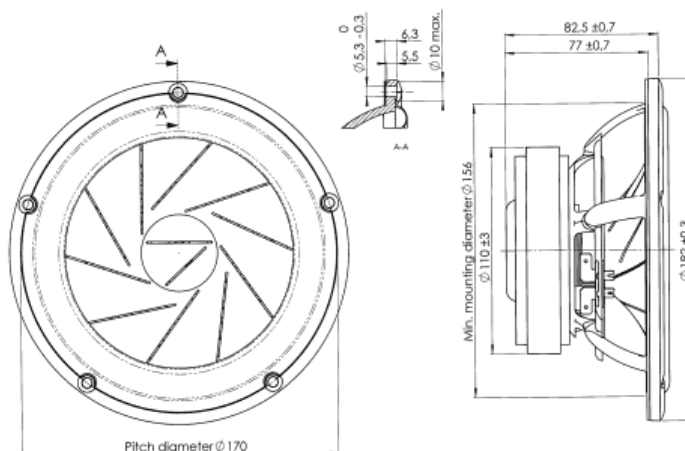


# SCAN-SPEAK

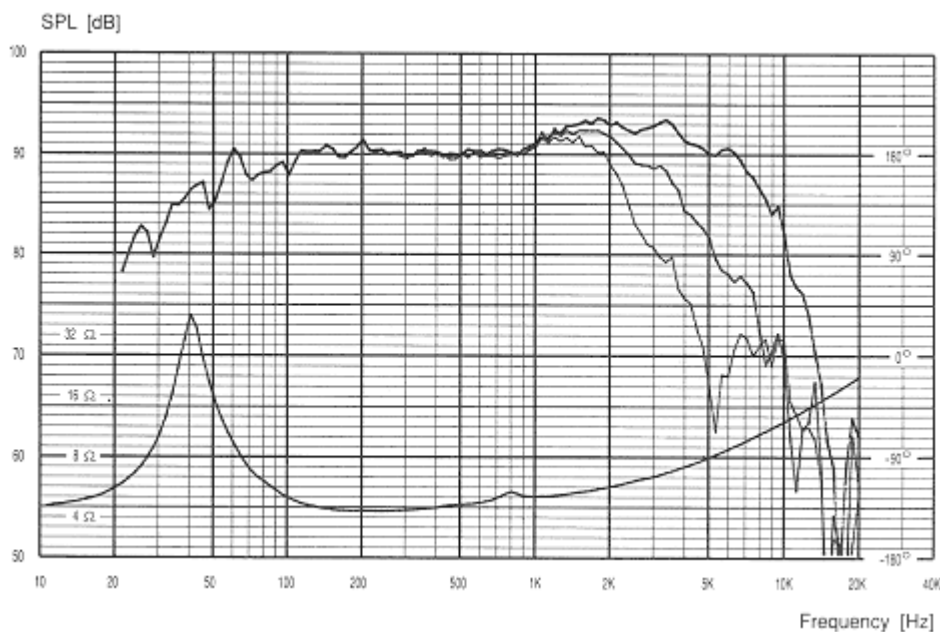
**E.B. ACOUSTIC & ELECTRONIC RESEARCH s.r.l.**  
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## 18W / 4531G00



|                                         |                       |
|-----------------------------------------|-----------------------|
| Characteristic sensitivity (2.83V / 1m) | : 90 dB               |
| Recommended frequency range             | : 33 - 5000 Hz        |
| Free air resonance frequency, $f_s$     | : 33 Hz               |
| DC resistance, $R_e$                    | : 3.4 ohm             |
| Voice coil inductance, $L_e$            | : 0.3 mH              |
| Effective piston area, $S_d$            | : 150 cm <sup>2</sup> |
| Moving mass incl. air, $m_d$            | : 17.5 g              |
| Mechanical loss, $R_m$                  | : 0.7 Ns/m            |
| Force factor, $BL$                      | : 5.7 Tm              |
| Equivalent volume, $V_{as}$             | : 42 ltr.             |
| Mechanical Q-factor, $Q_{ms}$           | : 5.2                 |
| Electrical Q-factor, $Q_{es}$           | : 0.38                |
| Total Q-factor, $Q_{ts}$                | : 0.35                |
| Excursion, lin. / max.                  | : ±6.5 / ±11 mm       |
| Voice coil diameter                     | : 38 mm               |
| Rated power handling                    | : 70 W                |
| Net weight                              | : 1.75 kg             |



Frequency response: 2.83V / 1m