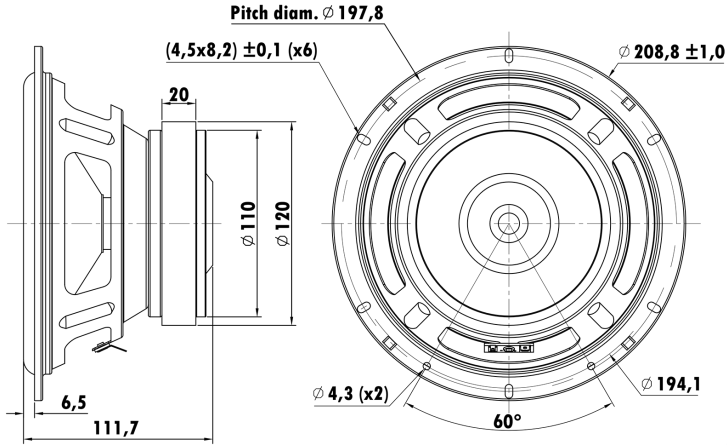


8", Steel Frame
1.2" PESVW Voice Coil, Aluminum Former
Paper Cone, Rubber Surround
Strong Ferrite Magnet Motor System
Long Excursion($\pm 5.4\text{mm}$)



T-S Parameters

| | |
|-------------------------------|------------------------|
| Resonance frequency [fs] | 45 Hz |
| Mechanical Q factor [Qms] | 5.05 |
| Electrical Q factor [Qes] | 0.45 |
| Total Q factor [Qts] | 0.413 |
| Force factor [Bl] | 10.01 Tm |
| Mechanical resistance [Rms] | 2.611 kg/s |
| Moving mass [Mms] | 48.17 g |
| Compliance [Cms] | 0.277 mm/N |
| Effective diaph. diameter [D] | 160 mm |
| Effective piston area [Sd] | 203.58 cm ² |
| Equivalent volume [Vas] | 16.2 l |
| Sensitivity (2.83V/1m) | 89 dB |
| Ratio Bl/ \sqrt{Re} | 5.44 N/ \sqrt{W} |
| Ratio fs/Qts | 108.95 Hz |

Electrical Data

| | |
|----------------------------|---------------|
| Nominal impedance [Zn] | 4 Ω |
| Minimum impedance [Zmin] | 4.07 Ω |
| Maximum impedance [Zo] | 37.8 Ω |
| DC resistance [Re] | 3.4 Ω |
| Voice coil inductance [Le] | 1.349 mH |

Power Handling

| | |
|--------------------------------|------|
| 100h RMS noise test (IEC 18.4) | 50 W |
| Long-term max power (IEC 18.2) | - W |

Voice Coil & Magnet Data

| | |
|---------------------|--------------|
| Voice coil diameter | 30.5 mm |
| Voice coil height | 18.4 mm |
| Voice coil layers | 4 |
| Height of gap | 8 mm |
| Linear excursion | ± 5.2 mm |
| Max mech. excursion | \pm - mm |
| Unit weight | 2.37 kg |

