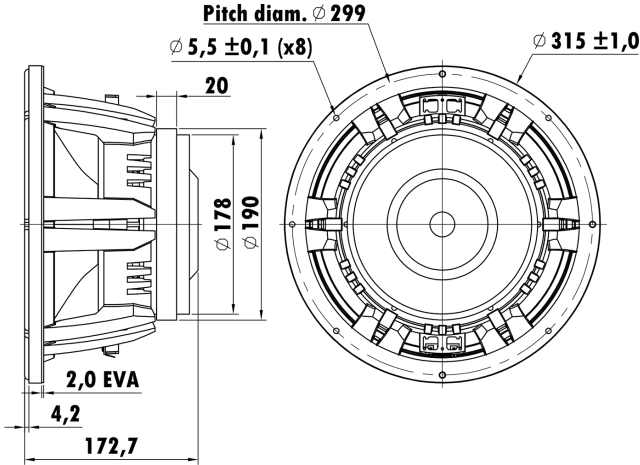


12", Aluminum Die-cast Frame  
3" CCAW Voice Coil, GFB-G Former  
Paper Cone, Rubber Surround  
Ferrite Magnet Motor System  
High Sensitivity  
Copper-shorting Ring



### T-S Parameters

Resonance frequency [fs]	34 Hz
Mechanical Q factor [Qms]	8.45
Electrical Q factor [Qes]	0.299
Total Q factor [Qts]	0.287
Force factor [Bl]	18.47 Tm
Mechanical resistance [Rms]	2.117 kg/s
Moving mass [Mms]	84.73 g
Compliance [Cms]	0.265 mm/N
Effective diaph. diameter [D]	260 mm
Effective piston area [Sd]	530.93 cm <sup>2</sup>
Equivalent volume [Vas]	105.64 l
Sensitivity (2.83V/1m)	95 dB
Ratio Bl/√Re	7.875 N/√W
Ratio fs/Qts	118.4 Hz

### Electrical Data

Nominal impedance [Zn]	8 $\Omega$
Minimum impedance [Zmin]	6.37 $\Omega$
Maximum impedance [Zo]	97.06 $\Omega$
DC resistance [Re]	5.5 $\Omega$
Voice coil inductance [Le]	0.41 mH

### Power Handling

100h RMS noise test (IEC 18.4)	250 W
Long-term max power (IEC 18.2)	W

### Voice Coil & Magnet Data

Voice coil diameter	75.5 mm
Voice coil height	20.5 mm
Voice coil layers	1
Height of gap	13 mm
Linear excursion	$\pm 3.75$ mm
Max mech. excursion	$\pm$ - mm
Unit weight	10 kg

