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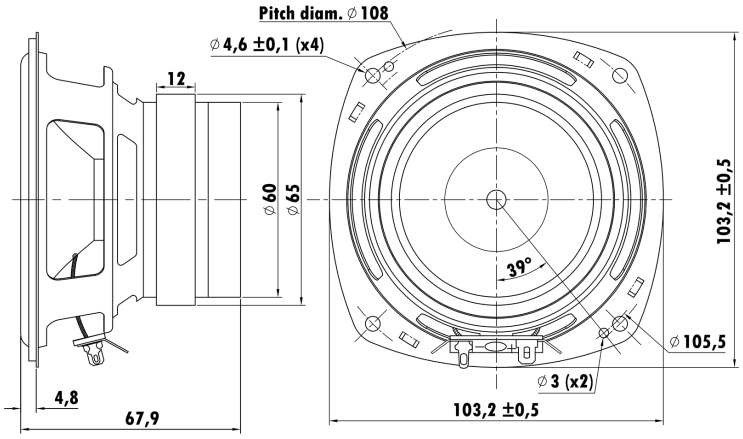
Datasheet updated: 09-11-2017

Standard Transducers
Fullrange / FSI511540-4802

4", Steel Frame
0.8" PESVW Voice Coil, Aluminum Former
Paper Cone, Rubber Surround
Dual Ferrite Magnet Motor System
Linear Spider, VC Former and Basket Vent
Wide Frequency Range, Low Distortion(<3%)



T-S Parameters

Resonance frequency [fs]	83 Hz
Mechanical Q factor [Qms]	5.03
Electrical Q factor [Qes]	1.47
Total Q factor [Qts]	1.14
Force factor [Bl]	3.79 Tm
Mechanical resistance [Rms]	0.57 kg/s
Moving mass [Mms]	5.46 g
Compliance [Cms]	0.67 mm/N
Effective diaph. diameter [D]	83.5 mm
Effective piston area [Sd]	54.8 cm²
Equivalent volume [Vas]	2.84 l
Sensitivity (2.83V/1m)	82 dB
Ratio Bl/√Re	1.40 N/√W
Ratio fs/Qts	72.8 Hz

Electrical Data

Nominal impedance [Zn]	8 Ω
Minimum impedance [Zmin]	7.2 Ω
Maximum impedance [Zo]	26.43 Ω
DC resistance [Re]	7.4 Ω
Voice coil inductance [Le]	0.09 mH

Power Handling

100h RMS noise test (IEC 17.1)	5 W
Long-term max power (IEC 17.3)	10 W

Voice Coil & Magnet Data

Voice coil diameter	20.32 mm
Voice coil height	10.4 mm
Voice coil layers	2
Height of gap	4 mm
Linear excursion	± 3.2 mm
Max mech. excursion	± - mm
Unit weight	0.503 kg