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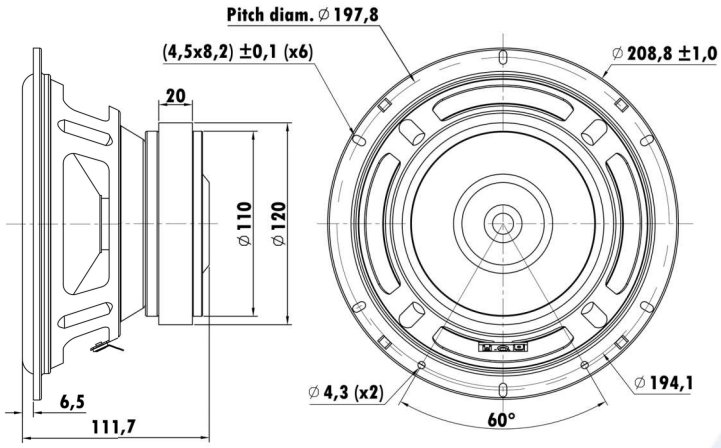
Datasheet updated: 21-08-2019

Standard Transducers
Subwoofer / FSISD5080-8400

8", Steel Frame
1.2" PESVW Voice Coil, Aluminum Former
Paper Cone, Rubber Surround
Strong Ferrite Magnet Motor System
Long Excursion(±5.4mm)



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 cm²
Equivalent volume [Vas]	16.2 l
Sensitivity (2.83V/1m)	89 dB
Ratio Bl/√Re	5.44 N/√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	± - mm
Unit weight	2.37 kg