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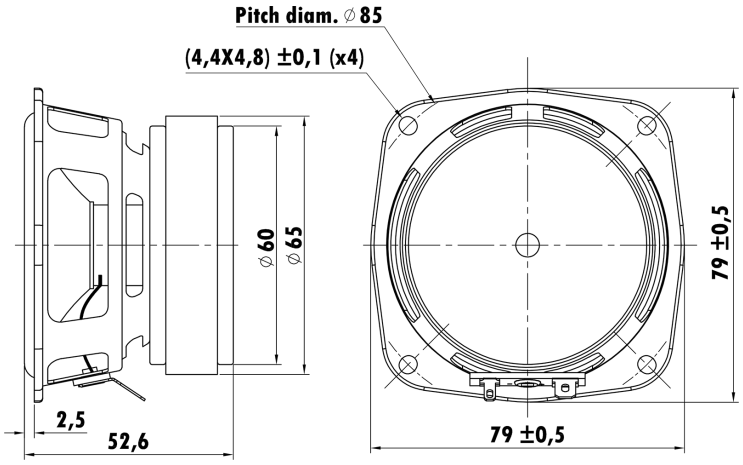
Standard Transducers
Fullrange / FSB522030-3806

3", Steel Frame
1" CCAW Voice Coil, Aluminum Former
Paper Cone, Rubber Surround
Ferrite Magnet Motor System
Wide Frequency Range
Extended Copper-shorting Ring , Low Distortion(<3%)



T-S Parameters

Resonance frequency [fs]	115 Hz
Mechanical Q factor [Qms]	5.109
Electrical Q factor [Qes]	1.406
Total Q factor [Qts]	1.102
Force factor [Bl]	3.528 Tm
Mechanical resistance [Rms]	0.469 kg/s
Moving mass [Mms]	3.292 g
Compliance [Cms]	0.574 mm/N
Effective diaph. diameter [D]	60 mm
Effective piston area [Sd]	28.27 cm²
Equivalent volume [Vas]	0.6495 l
Sensitivity (2.83V/1m)	80 dB
Ratio Bl/√Re	1.31 N/√W
Ratio fs/Qts	104.36 Hz

Electrical Data

Nominal impedance [Zn]	8 Ω
Minimum impedance [Zmin]	8.1 Ω
Maximum impedance [Zo]	29 Ω
DC resistance [Re]	7.31 Ω
Voice coil inductance [Le]	0.082 mH

Power Handling

100h RMS noise test (IEC 17.1)	20 W
Long-term max power (IEC 17.3)	- W

Voice Coil & Magnet Data

Voice coil diameter	25.4 mm
Voice coil height	9.7 mm
Voice coil layers	2
Height of gap	4 mm
Linear excursion	± 2.85 mm
Max mech. excursion	± - mm
Unit weight	0.345 kg