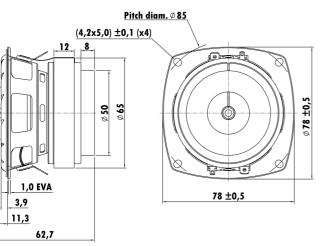
# Standard Transducers Fullrange / FSB012030-0800

3", Steel Frame+0.8", Plastic Frame 0.8" CCAW Voice Coil, Kapton Former Paper Cone, Cloth Surround Strong Ferrite Magnet Motor System Wide Frequency Range Coaxial Driver



140 Hz

8.966

0.904

0.821

4.21 Tm

62 mm

31.17 cm<sup>2</sup> 0.64061 86 dB 1.508 N/√W 203.3 Hz

0.229 kg/s 0.96 g

0.466 mm/N



### **T-S Parameters**

Resonance frequency [fs]
Resonance frequency [15]
Mechanical Q factor [Qms]
Electrical Q factor [Qes]
Total Q factor [Qts]
Force factor [BI]
Mechanical resistance [Rms]
Moving mass [Mms]
Compliance [Cms]
Effective diaph. diameter [D]
Effective piston area [Sd]
Equivalent volume [Vas]
Sensitivity (2.83V/1m)
Ratio Bl/√Re
Ratio fs/Qts

## **Electrical Data**

Nominal impedance [Zn]	8 Ω
Minimum impedance [Zmin]	6.923 Ω
Maximum impedance [Zo]	105.73 Ω
DC resistance [Re]	7.8 Ω
Voice coil inductance [Le]	0.221 mH

### **Power Handling**

100h RMS noise test (IEC 18.4)	20 W
Long-term max power (IEC 18.2)	- W

#### Voice Coil & Magnet Data

Voice coil diameter	20.32 mm
Voice coil height	7.2 mm
Voice coil layers	4
Height of gap	3.5 mm
Linear excursion	± 1.85 mm
Max mech. excursion	± - mm
Unit weight	0.479 kg

