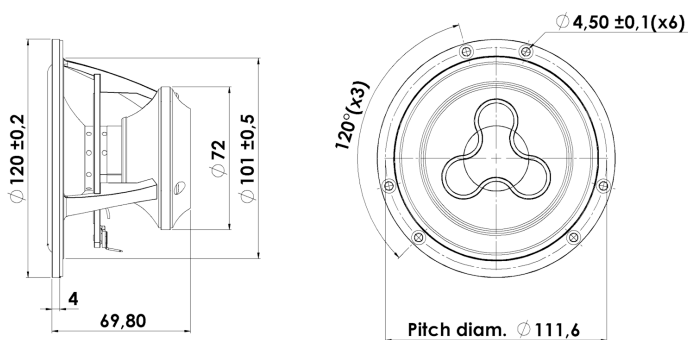


12 cm Midrange

12MU/4731T00



T-S Parameters:

Resonance frequency [fs]	64 Hz
Mechanical Q factor [Qms]	3.64
Electrical Q factor [Qes]	0.26
Total Q factor [Qts]	0.24
Force factor [Bl]	5.1 Tm
Mechanical resistance [Rms]	0.60 kg/s
Moving mass [Mms]	5.4 g
Compliance [Cms]	1.15 mm/N
Effective diaph. diameter [D]	86 mm
Effective piston area [Sd]	58 cm ²
Equivalent volume [Vas]	5.4 l
Sensitivity (2,83V/1m)	90 dB

Mechanical Data:

Voice coil diameter	32 mm
Voice coil height	6 mm
Voice coil layers	4
Gap height	13 mm
Linear excursion	± 3.5 mm
Max mech. excursion	± 10 mm
Unit weight	0.8 kg
Cabinet Displacement Volume	- l

Electrical Data:

Nominal impedance [Zn]	4 Ω
Minimum impedance [Zmin]	4.3 Ω
Maximum impedance [Zo]	46.5 Ω
DC resistance [Re]	3.1 Ω
Voice coil inductance [Le]	0.11 mH

Power Handling:

100h RMS noise test (IEC 18.4)	80 W
Long-term max power (IEC 18.2)	150 W
X-over: 2. order HP Butterworth, 200 Hz	

Key Features:

- Under-Hung Neodymium Motor Design
- Patented Symmetrical Drive (SD-3)
- One Piece Cone-Dust Cap
- Low-Loss Linear Suspension
- Very Wide Frequency Response 100-10KHz
- High Output 90dB @ 2,83V

Recommendations (please see Tech Note):

- Operating frequency range: 100-10000 Hz
- Cabinet volume - closed box: Vbox=0.9 ltr, f(-3dB)=172 Hz
- Cabinet volume - vented box: Vbox=1.5 ltr, fb=99 Hz, f(-3dB)=119 Hz

