## Bliena

# M74P-6

#### Features :

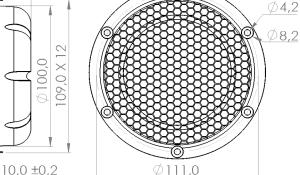
- 74 mm paper dome developed together with Dr. Kurt Müller
- Extremely low moving mass for better transient response and higher efficiency
- Fully saturated neodymium motor with copper sleeve for low non linear and modulation distortion
- 2.4 mm linear excursion and large vent channel for undistorted low frequency operation
- No ferrofluid for improved dynamics

### Specifications :

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Nominal impedance	6 Ω
Rated power handling*	N/A W
Sensitivity 2.83V/1m	95 dB
Net weight	0.68 kg
Effective piston area, Sd	50.25 cm <sup>2</sup>
Moving mass, Mms	2.3 g
Force factor, Bl	6.8 T*m
Resonance frequency, Fs	400 Hz
Mechanical Q factor, Qms	3
Electrical Q factor, Qes	0.6
Total Q factor, Qts	0.5
Magnetic flux density	1.35 T
Air gap height	4.2 mm
Linear excursion (p-p)	2.4 mm
Voice coil diameter	74 mm
Voice coil height	1.8 mm
Voice coil layers	1
Voice coil inductance, Le	0.036 mH
DC resistance, Re	5.6 Ω
Wire material	Copper
* IEC 268-5 2nd order high-pass Butterworth filter 400 Hz	

- Textile surround covered by faceplate with moderate horn loading for flat frequency response and wide off-axis response
- Single-layer ribbon CCAW voice coil for lower inductance
- Underhung voice coil wound on titanium former
- Flexible and lightweight lead wires made in Denmark
- Thick aluminium powder coated flange
- Aluminium rear chamber with natural wool damping
- Gold plated wire terminals
- Recommended frequency range Fs 4.5 kHz Specifications are subject to change without prior notice





#### 60 115 SPL responses are measured in IEC baffle at 0.3m distance and normalized to 1m, input voltage 2.83V, smoothing 1/12 oct, black curve – on axis, red - 30° off-axis, blue - 60° off-axis edance response is meausured in free air with 35mVrms stepped sine voltage 110 55 105 50 100 45 95 40 90 35 85 30 80 25 75 20 70 15 65 10 60 5 55 0 db 100 200 500 1k 2k 5k 10k 15kHz Ohm

21.0 ±0.20

\* IEC 268-5, 2nd order high-pass Butterworth filter, 400 Hz