声 播 科 技
WAVE SOUND

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Engineered and tested in-house · Klippel / CLIO

ND2W7615

15" LF TRANSDUCER





1000 W
power handling

76 mm (3 in)
voice coil

95.4 dB
sensitivity (1 W / 1 m)

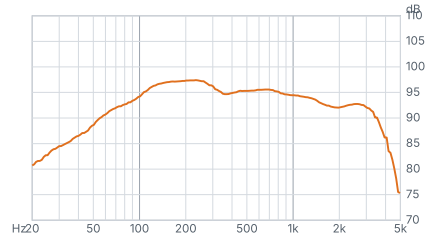
45–3000 Hz
frequency range

FEATURES

- 76 mm (3.0 in) voice coil, aluminium winding
- Neodymium, 75 mm OD magnet
- Dual-gap neodymium motor, dual voice coils on a single former, connected in series (8 Ω)
- Water- and UV-repellent treated cone
- 100% in-line tested: F0, frequency sweep, max-power listening check

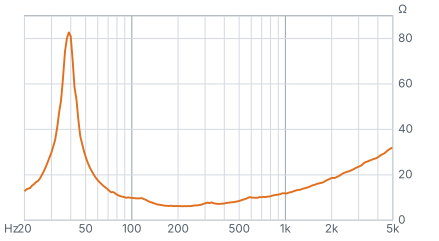
FREQUENCY RESPONSE

dB SPL, 1 W / 1 m



IMPEDANCE

Ω



SPECIFICATIONS

Nominal Diameter	380 mm (15 in)
Nominal Impedance	8 Ω
Minimum Impedance	6.2 Ω
Power Handling	
Rated[1]	1000 W
Continuous Program[2]	2000 W
Sensitivity (1 W / 1 m)[3]	95.4 dB
Frequency Range	45–3000 Hz
Voice Coil Diameter	76 mm (3.0 in)
Magnet Material	Neodymium

THIELE & SMALL PARAMETERS[4]

F_s	38.8 Hz
R_e	5.37 Ω
Q_{es}	0.365
Q_{ms}	5.25
Q_{ts}	0.341
V_{as}	142 L
S_d	908 cm²
η_0	2.18 %
M_{ms}	139 g
Bl	22.3 T·m
L_e	0.699 mH
EBP	106 Hz

DIMENSIONS

Overall Diameter	389 mm
Depth	219 mm

[1] Rated power: continuous pink noise within Fs–10·Fs (IEC 60268-5), driver in free air; power calculated on minimum impedance.

[2] Program power is defined as 3 dB above the nominal rating.

[3] Sensitivity calculated from Klippel LPM T/S parameters, 2.83 V for 8 Ω nominal, 1 m, half space. SPL curve 1 W / 1 m.

[4] Thiele-Small parameters measured with Klippel LPM (laser), small signal.