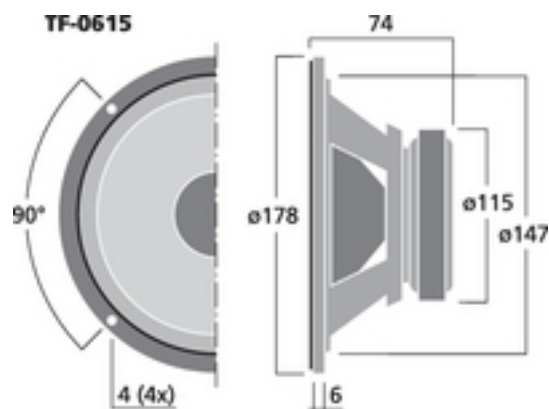
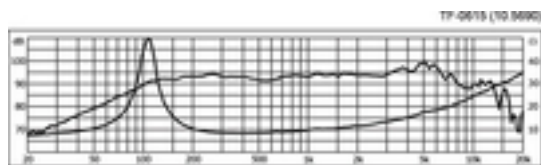


## TF-0615 - PA Midrange Speaker



CELESTION



### CELESTION

One of the most appealing names in the world of speakers. The speakers of the TF series impress by both an excellent price-performance ratio and very good sound characteristics and thus are ideally suited for an application in efficient PA speaker systems providing a powerful sound.

PA bass-midrange speaker, 100 W, 8 Ohm

- 16 cm (6") PA bass-midrange speaker providing an excellent sound with power reserves in the bass range down to approx. 100 Hz
- High-quality Kevlar fibre-reinforced cellulose cone
- 38 mm heat-resistant voice coil on a Kapton voice coil former
- Excellent linear frequency response and wide bandwidth

- Linear excursion (XMAX):  $\pm 2.5$  mm
- Double-roll surround for an excellent linearity
- Robust sheet steel basket
- Ideally suited for compact PA top parts with subwoofer support

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“Shows an impressive linearity, suitable for a wide range of applications.”

## Tekniske data

Impedance (Z)	: 8 Ohm
Transmission method	: -
Frequency range	: f3-6,000 Hz
Resonant frequency (fs)	: 107 Hz
Rec. crossov. frequ. (fmax.) (12 dB/oct.)	: -
Power rating (RMS)	: 100 W
Peak music power output (MAX)	: 200 W
Sensitivity	: 95 dB/W/m
Max. rated SPL	: -
Max. voltage	: -
Radiation angle, horizontal	: -
Radiation angle, vertical	: -
Suspension compl. (Cms)	: 0.193 mm/N
Moving mass (Mms)	: 11.3 g
Mech. Q factor (Qms)	: 5.83
Electr. Q factor (Qes)	: 0.68
Total Q factor (Qts)	: 0.61
Equivalent volume (Vas)	: 6.5 l
DC resistance (Re)	: 7.2 Ohm
Force factor (BxL)	: 9.03 Tm
Voice coil induct. (Le)	: 0.5 mH
Voice coil diameter	: $\tilde{\text{A}}$ 38 mm
Voice coil former	: Kapton
Linear excursion (X <sub>MAX</sub> )	: $\pm$ 2.5 mm
Eff. cone area (Sd)	: 145 cm <sup>2</sup>
Magnet weight	: 0.8 kg
Magnet diameter	: $\tilde{\text{A}}$ 115 mm
Mounting cutout	: $\tilde{\text{A}}$ 147 mm
Mounting depth	: 65.5 mm
Mounting hole diameter	: $\tilde{\text{A}}$ 168.5 mm
Hole spacing X-axis	: 119 mm
Hole spacing Y-axis	: 119 mm
Dimensions	: $\tilde{\text{A}}$ 178 mm x 74 mm
Outside diameter	: $\tilde{\text{A}}$ 178 mm
Width	: $\tilde{\text{A}}$ 178 mm

Height	: -
Depth	: 74 mm
Protective class	: -
Admiss. ambient temp.	: 0-40 °C
Weight	: 1.71 kg
Packing unit	: 1
Type of speaker	: 6"