

R-165

6.5 Inch Reference Series **Midwoofer**

TECHNICAL SHEET



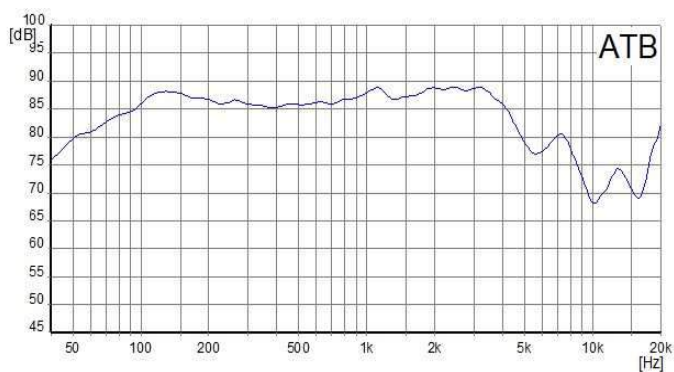
Gleichstromwiderstand / DC restance	R_{dc}	2,6 Ω
Nennimpedanz / Nominal impedance	Z_N	3 Ω
Resonanzfrequenz Resonance frequency	f_s	62,62 Hz

Spulendurchmesser Voice coil diameter	37 mm
--	-------

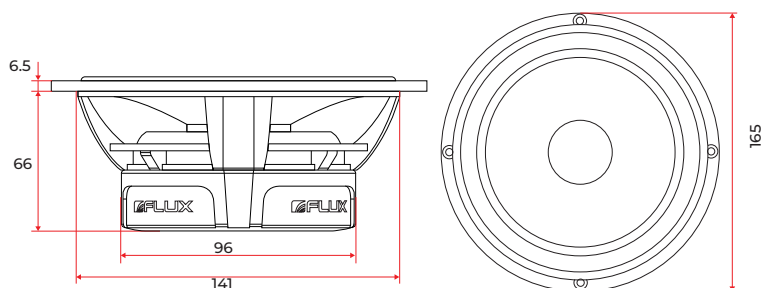
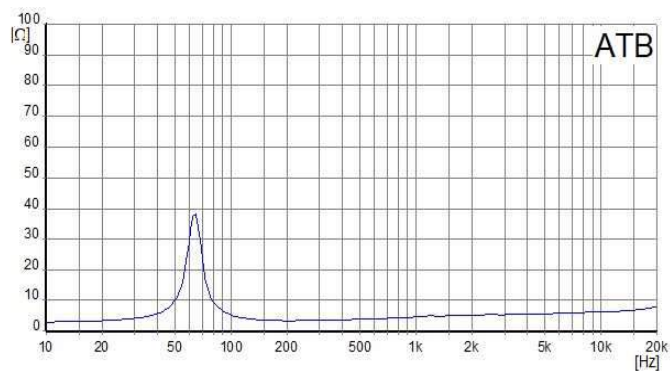
Mechanische Güte / Mechanical Q factor	Q_{ms}	12,72
Elektrische Güte / Electrical Q factor	Q_{es}	0.74
Gesamtgüte Total Q factor	Q_{ts}	0,7

Dynamisch bewegte Masse / Moving mass	m_d	17,66 g
Nachgiebigkeit / Compliance	C_{ms}	0,37 mm/N
Antriebsfaktor / Force factor	BL	5,23 Tm
Äquivalentvolumen / Equivalent air volume	V_{as}	9,36 dm3
SPL 1W/1m		86,78 dB

Frequenzgang / Frequency response [1W/1m]



Impedanzverlauf / Impedance



R-80

3.5 Inch Reference Series **Midrange**

TECHNICAL SHEET



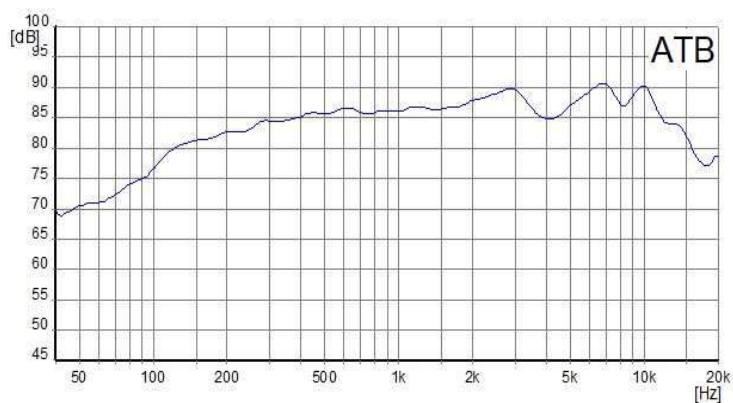
Gleichstromwiderstand / DC resistance	R_{dc}	2,6 Ω
Nennimpedanz / Nominal impedance	Z_N	3 Ω
Resonanzfrequenz Resonance frequency	f_s	104,76 Hz

Spulendurchmesser Voice coil diameter	25.5 mm
--	---------

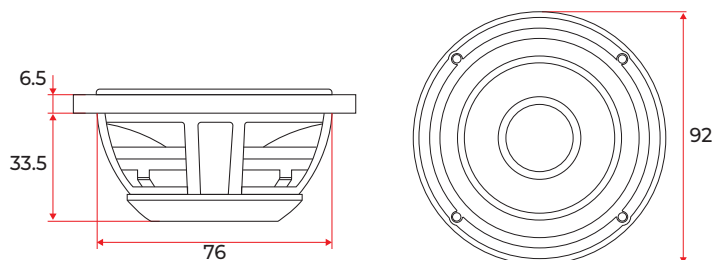
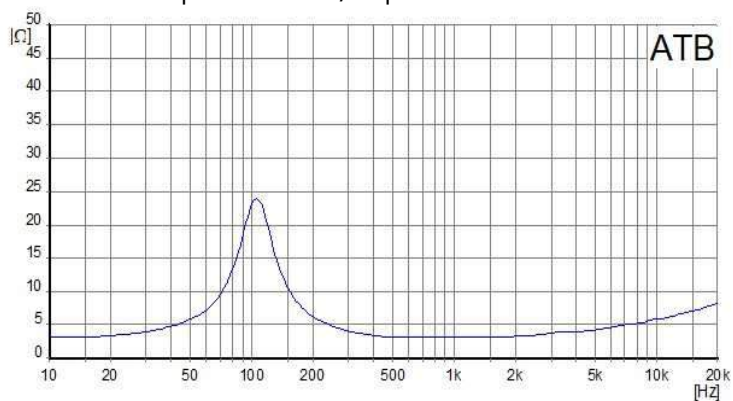
Mechanische Güte / Mechanical Q factor	Q_{ms}	2,53
Elektrische Güte / Electrical Q factor	Q_{es}	0,36
Gesamtgüte Total Q factor	Q_{ts}	0,32

Dynamisch bewegte Masse / Moving mass	m_d	2,87 g
Nachgiebigkeit / Compliance	C_{ms}	0,8 mm/N
Antriebsfaktor / Force factor	BL	3,75 Tm
Äquivalentvolumen / Equivalent air volume	V_{as}	1,25 mm
SPL 1W/1m		87,81 dB

Frequenzgang / Frequency response [1W/1m]



Impedanzverlauf / Impedance



R-28

28mm Reference Series **Tweeter**

TECHNICAL SHEET

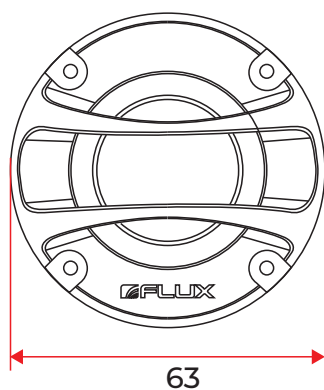
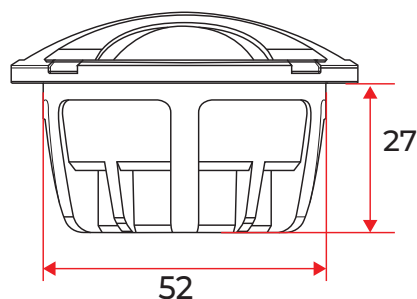
Gleichstromwiderstand /
DC resistance R_{dc} 2,7 Ω

Nennimpedanz /
Nominal impedance Z_N 3 Ω

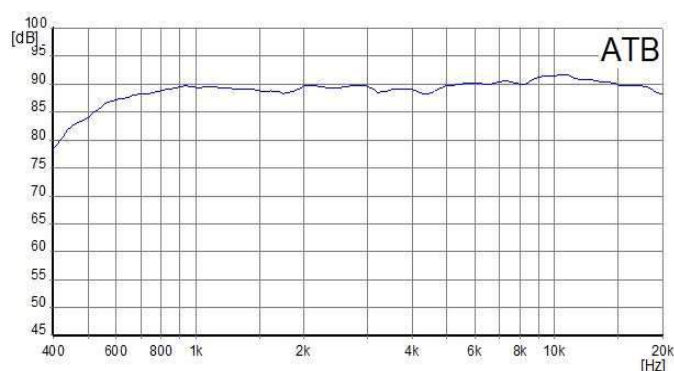
Resonanzfrequenz
Resonance frequency f_s 700 Hz

Spulendurchmesser
Voice coil diameter 28 mm

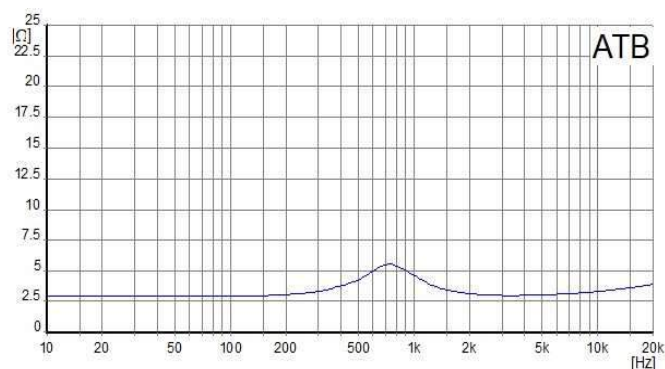
Spulenbreite /
Voice coil height 4 mm



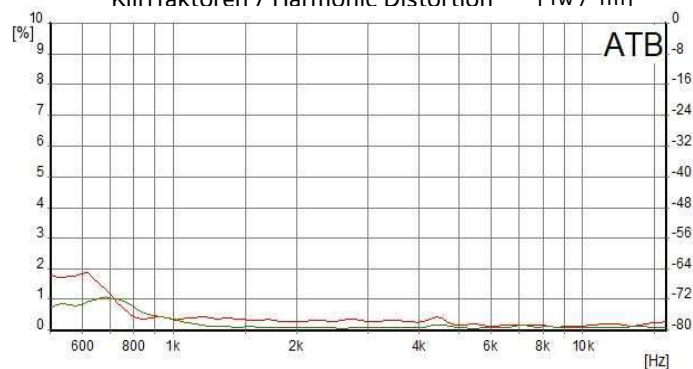
Frequenzgang / Frequency response [1W/1m]



Impedanzverlauf / Impedance



Klirrfaktoren / Harmonic Distortion [1w / 1m]



rot / red: K2 grün / green: K3



LIKE US!