

# SR-165

6.5 Inch SIGNATURE Midwoofer



## TECHNICAL SHEET

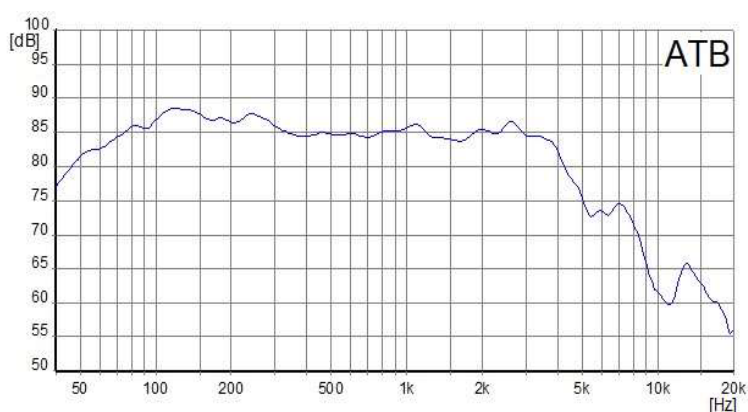
|                                          |          |          |
|------------------------------------------|----------|----------|
| Gleichstromwiderstand /<br>DC resistance | $R_{dc}$ | 2,8      |
| Nennimpedanz /<br>Nominal impedance      | $Z_N$    | 3        |
| Resonanzfrequenz<br>Resonance frequency  | $f_s$    | 63,72 HZ |

|                                          |       |
|------------------------------------------|-------|
| Spulendurchmesser<br>Voice coil diameter | 37 mm |
| Spulenbreite /<br>Voice coil height      | 15 mm |

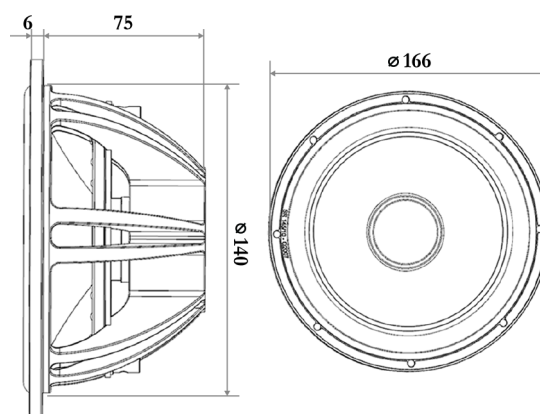
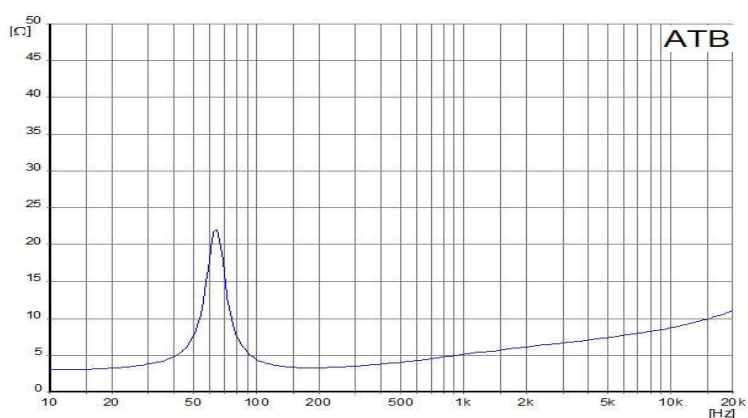
|                                           |          |      |
|-------------------------------------------|----------|------|
| Mechanische Güte /<br>Mechanical Q factor | $Q_{ms}$ | 7,84 |
| Elektrische Güte /<br>Electrical Q factor | $Q_{es}$ | 0,61 |
| Gesamtgüte<br>Total Q factor              | $Q_{ts}$ | 0,57 |

|                                                    |          |                      |
|----------------------------------------------------|----------|----------------------|
| Dynamisch bewegte Masse /<br>Moving mass           | $m_d$    | 17,83 g              |
| Effektive Membranfläche /<br>Effective piston area | $S_m$    | 135 cm <sup>2</sup>  |
| Mechanischer Widerstand /<br>Mechanical resistance | $R_{ms}$ | 0,91 Kg/s            |
| Nachgiebigkeit /<br>Compliance                     | $C_{ms}$ | 0,35 mm/N            |
| Antriebsfaktor /<br>Force factor                   | BL       | 5,7 Tm               |
| Äquivalentvolumen /<br>Equivalent air volume       | $V_{as}$ | 8,96 dm <sup>3</sup> |
| Wirkungsgrad /<br>Efficiency                       |          | 0,36 %               |
| SPL 1W/1m                                          |          | 87,6 dB              |
| SPL 2,83V/1m                                       |          | 92,16 dB             |

Frequenzgang / Frequency response [1W/1m]



Impedanzverlauf / Impedance



# SR-80

3.5 Inch SIGNATURE Midrange



## TECHNICAL SHEET

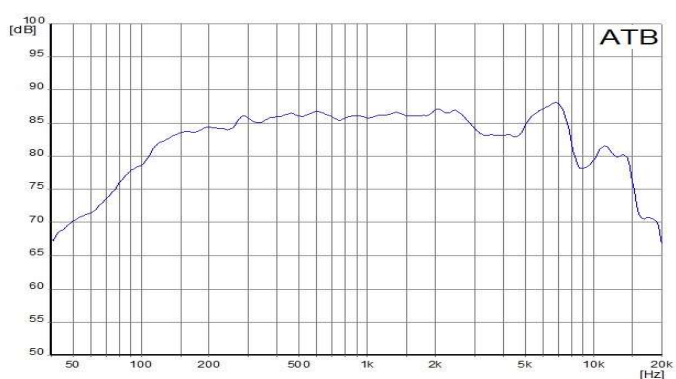
|                                         |          |           |
|-----------------------------------------|----------|-----------|
| Gleichstromwiderstand /<br>DC restance  | $R_{dc}$ | 2,8       |
| Nennimpedanz /<br>Nominal impedance     | $Z_N$    | 3         |
| Resonanzfrequenz<br>Resonance frequency | $f_s$    | 112,46 Hz |

|                                          |        |
|------------------------------------------|--------|
| Spulendurchmesser<br>Voice coil diameter | 25 mm  |
| Spulenbreite /<br>Voice coil height      | 6,5 mm |

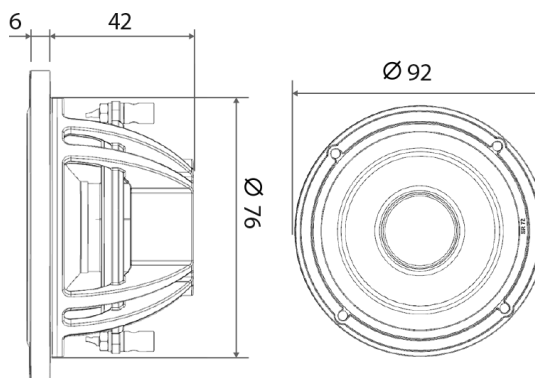
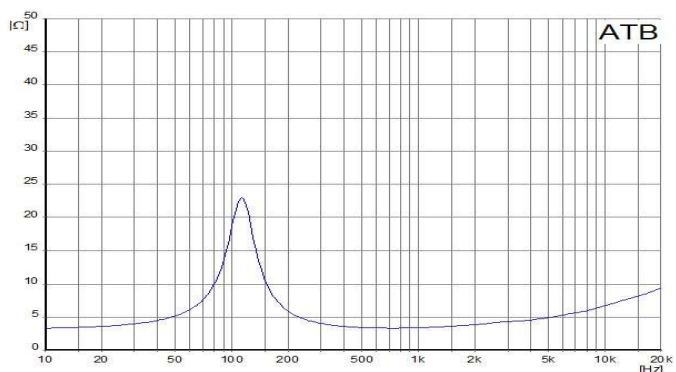
|                                           |          |      |
|-------------------------------------------|----------|------|
| Mechanische Güte /<br>Mechanical Q factor | $Q_{ms}$ | 3,36 |
| Elektrische Güte /<br>Electrical Q factor | $Q_{es}$ | 0,47 |
| Gesamtgüte<br>Total Q factor              | $Q_{ts}$ | 0,41 |

|                                                    |          |                      |
|----------------------------------------------------|----------|----------------------|
| Dynamisch bewegte Masse /<br>Moving mass           | $m_d$    | 2,95 g               |
| Effektive Membranfläche /<br>Effective piston area | $S_m$    | 34,8 cm <sup>2</sup> |
| Mechanischer Widerstand /<br>Mechanical resistance | $R_{ms}$ | 0,62 Kg/s            |
| Nachgiebigkeit /<br>Compliance                     | $C_{ms}$ | 0,68 mm/N            |
| Antriebsfaktor /<br>Force factor                   | BL       | 3,52 Tm              |
| Äquivalentvolumen /<br>Equivalent air volume       | $V_{as}$ | 1,16 dm <sup>3</sup> |
| Wirkungsgrad /<br>Efficiency                       |          | 0,34 %               |
| SPL 1W/1m                                          |          | 87,29 dB             |
| SPL 2,83V/1m                                       |          | 91,85 dB             |

Frequenzgang / Frequency response [1W/1m]



Impedanzverlauf / Impedance



# SR-28

SIGNATURE Tweeter

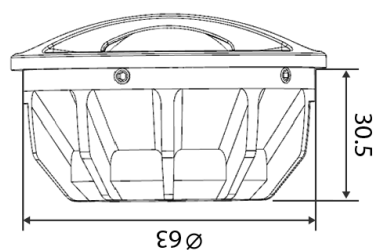
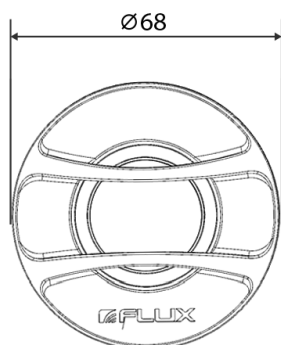


## TECHNICAL SHEET

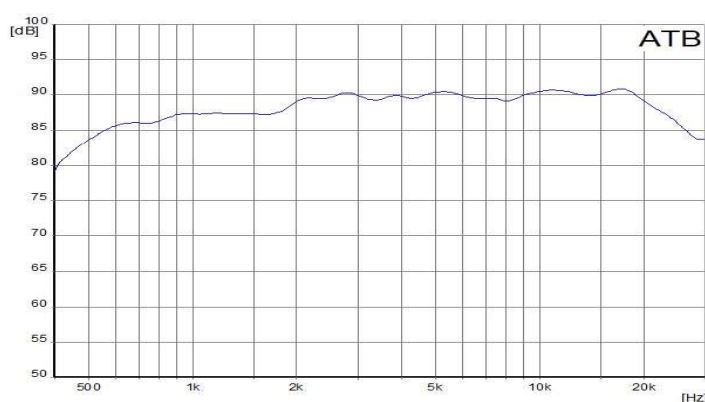
|                                          |          |        |
|------------------------------------------|----------|--------|
| Gleichstromwiderstand /<br>DC resistance | $R_{dc}$ | 2,8    |
| Nennimpedanz /<br>Nominal impedance      | $Z_N$    | 3      |
| Resonanzfrequenz<br>Resonance frequency  | $f_s$    | 575 HZ |

|                                          |       |
|------------------------------------------|-------|
| Spulendurchmesser<br>Voice coil diameter | 28 mm |
|------------------------------------------|-------|

|                                     |        |
|-------------------------------------|--------|
| Spulenbreite /<br>Voice coil height | 1,4 mm |
|-------------------------------------|--------|



Frequenzgang / Frequency response [1W/1m]



Impedanzverlauf / Impedance

