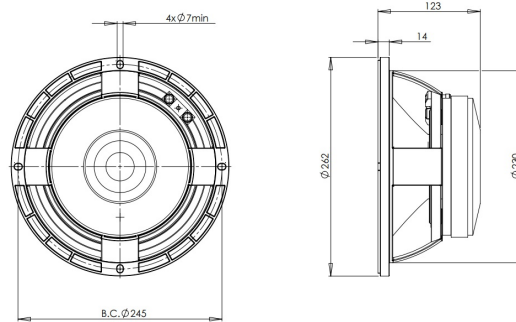


# 10PS26

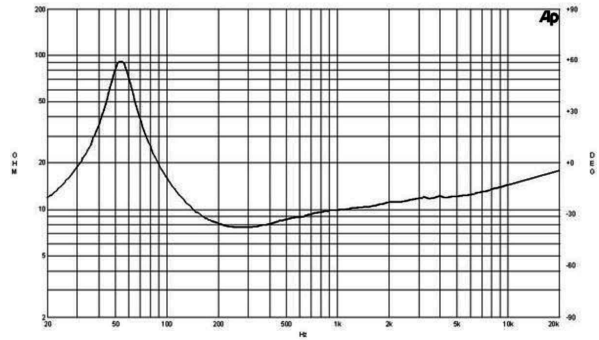
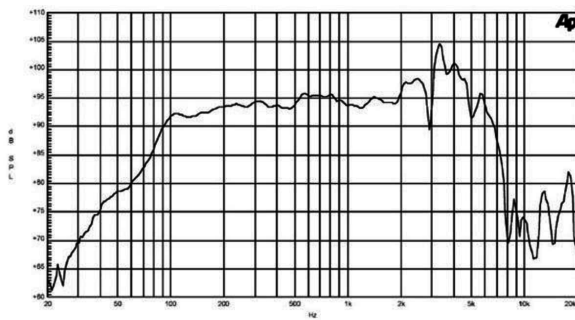
**8Ω****LF Drivers - 10.0 Inches**

- 700 W continuous program power capacity
- 76 mm (3 in) aluminium voice coil
- 55 - 4000 Hz response
- 96 dB sensitivity
- Shorting copper cap for extended HF response



# 10PS26

LF Drivers- 10.0 Inches



## SPECIFICATIONS

|  |                   |
|--|-------------------|
| Nominal Diameter                       | 250 mm (10.0 in)  |
| Nominal Impedance                      | 8 $\Omega$        |
| Minimum Impedance                      | 7.1 $\Omega$      |
| Nominal Power Handling <sup>1</sup>    | 350 W             |
| Continuous Power Handling <sup>2</sup> | 700 W             |
| Sensitivity <sup>3</sup>               | 96.0 dB           |
| Frequency Range                        | 55 - 4000 Hz      |
| Voice Coil Diameter                    | 76 mm (3.0 in)    |
| Winding Material                       | Aluminium         |
| Former Material                        | Glass Fibre       |
| Winding Depth                          | 18.0 mm (0.71 in) |
| Magnetic Gap Depth                     | 10.0 mm (0.4 in)  |
| Flux Density                           | 0.9 T             |

## DESIGN

|                       |  |
|-----------------------|--|
| Surround Shape        | Double Roll                                  |
| Cone Shape            | Exponential                                  |
| Magnet Material       | Ferrite                                      |
| Spider                | Single                                       |
| Pole Design           | T-Pole                                       |
| Woofer Cone Treatment | None   |
| Recommended Enclosure | 25.0 dm <sup>3</sup> (0.88 ft <sup>3</sup> ) |
| Recommended Tuning    | 65 Hz  |

## PARAMETERS<sup>4</sup>

|                     |   |
|---------------------|---|
| Resonance Frequency | 54 Hz   |
| Re                  | 6.0 $\Omega$                                  |
| Qes                 | 0.33  |
| Qms                 | 2.9   |
| Qts                 | 0.29  |
| Vas                 | 38.0 dm <sup>3</sup> (1.3 ft <sup>3</sup> )   |
| Sd                  | 320.0 cm <sup>2</sup> (49.1 in <sup>2</sup> ) |
| $\eta_0$            | 1.8 %   |
| Xmax                | $\pm$ 5.5 mm                                  |
| Xvar                | $\pm$ 5.0 mm                                  |
| Mms                 | 33.0 g  |
| Bl                  | 14.1 Txm                                      |
| Le                  | 1.2 mH  |
| EBP                 | 163 Hz  |

## MOUNTING AND SHIPPING INFO

|                             |  |
|-----------------------------|--|
| Overall Diameter            | 262 mm (10.3 in)                           |
| Bolt Circle Diameter        | 245 mm (9.6 in)                            |
| Baffle Cutout Diameter      | 230.0 mm (8.8 in)                          |
| Depth                       | 123 mm (4.8 in)                            |
| Flange and Gasket Thickness | 14 mm (0.55 in)                            |
| Air Volume Occupied by Horn | 0.0 dm <sup>3</sup> (0.0 ft <sup>3</sup> ) |
| Net Weight                  | 6.0 kg (13.2 lb)                           |
| Shipping Units              | 1  |
| Shipping Weight             | 6.6 kg (14.55 lb)                          |
| Shipping Box                | 295x314x175 mm (11.61x12.36x6.89 in)       |

## SERVICE KIT

|            |             |
|------------|-------------|
| Recone kit | RCK010PS268 |
|------------|-------------|

1. 2 hours test made with continuous pink noise signal within the range Fs-10Fs. Power calculated on rated minimum impedance. Loudspeaker in free air.
2. Power on Continuous Program is defined as 3 dB greater than the Nominal rating.
3. Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.
4. Thiele-Small parameters are measured after a high level 20 Hz sine wave preconditioning test.

B&C Speakers s.p.a.

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