

**10PS26** 8 Ω

Woofer

- 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 8 Ω

# Woofer

## SPECIFICATIONS

|                                                                                                                                                     |                        |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|
| Nominal Diameter                                                                                                                                    | <b>250 mm (10 in)</b>  |
| Nominal Impedance                                                                                                                                   | <b>8 Ω</b>             |
| Minimum Impedance                                                                                                                                   | <b>7.1 Ω</b>           |
| Nominal Power Handling                                                                                                                              | <b>350 W</b>           |
| 2 hours test made with continuous pink noise signal within the range Fs-10Fs. Power calculated on rated minimum impedance. Loudspeaker in free air. |                        |
| Continuous Power Handling                                                                                                                           | <b>700 W</b>           |
| Power on Continuous Program is defined as 3 dB greater than the Nominal rating.                                                                     |                        |
| Sensitivity                                                                                                                                         | <b>96 dB</b>           |
| Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.                                                                                  |                        |
| Frequency Range                                                                                                                                     | <b>55 Hz - 4000 Hz</b> |
| Voice Coil Diameter                                                                                                                                 | <b>76 mm (3 in)</b>    |
| Winding Material                                                                                                                                    | <b>Aluminium</b>       |
| Former Material                                                                                                                                     | <b>Glass Fibre</b>     |
| Winding Depth                                                                                                                                       | <b>18 mm (0.71 in)</b> |
| Magnetic Gap Depth                                                                                                                                  | <b>10 mm (0.4 in)</b>  |
| Flux Density                                                                                                                                        | <b>0.9 T</b>           |
| Woofer Cone Treatment                                                                                                                               | <b>None</b>            |

## PARAMETERS

Thiele-Small parameters are measured after a high level 20 Hz sine wave preconditioning test.

|      |                                                 |
|------|-------------------------------------------------|
| Fs   | <b>54 Hz</b>                                    |
| Re   | <b>6 Ω</b>                                      |
| Qes  | <b>0.33</b>                                     |
| Qms  | <b>2.9</b>                                      |
| Qts  | <b>0.29</b>                                     |
| Vas  | <b>38 dm<sup>3</sup> (1.3 ft<sup>3</sup>)</b>   |
| Sd   | <b>320 cm<sup>2</sup> (49.1 in<sup>2</sup>)</b> |
| η0   | <b>1.8 %</b>                                    |
| Xmax | <b>5.5 mm</b>                                   |
| Xvar | <b>5 mm</b>                                     |
| Mms  | <b>33 g</b>                                     |
| Bl   | <b>14.1 Tm</b>                                  |
| Le   | <b>1.2 mH</b>                                   |
| EBP  | <b>164 Hz</b>                                   |

## DESIGN

|                       |                                                |
|-----------------------|------------------------------------------------|
| Surround Shape        | <b>Double Roll</b>                             |
| Cone Shape            | <b>Exponential</b>                             |
| Magnet Material       | <b>Ferrite</b>                                 |
| Spider                | <b>Single</b>                                  |
| Pole Design           | <b>T-Pole</b>                                  |
| Woofer Cone Treatment | <b>None</b>                                    |
| Recommended Enclosure | <b>25 dm<sup>3</sup> (0.88 ft<sup>3</sup>)</b> |
| Recommended Tuning    | <b>65 Hz</b>                                   |

## MOUNTING AND SHIPPING INFO

|                             |                                             |
|-----------------------------|---------------------------------------------|
| Overall Diameter            | <b>262 mm (10.3 in)</b>                     |
| Bolt Circle Diameter        | <b>245 mm (9.6 in)</b>                      |
| Baffle Cutout Diameter      | <b>230 mm (9.06 in)</b>                     |
| Depth                       | <b>123 mm (4.8 in)</b>                      |
| Flange and Gasket Thickness | <b>14 mm (0.55 in)</b>                      |
| Net Weight                  | <b>6.05 kg (13.34 lb)</b>                   |
| Shipping Units              | <b>1 pcs</b>                                |
| Shipping Weight             | <b>6.65 kg (14.66 lb)</b>                   |
| Shipping Box                | <b>295x314x175 mm (11.61x12.36x6.89 in)</b> |

## SERVICE KITS

|                |                    |
|----------------|--------------------|
| LF recone-kits | <b>RCK010PS268</b> |
|----------------|--------------------|



