



## SPECIFICATIONS

|                           |   |
|---------------------------|---|
| Nominal Diameter          | 320 mm (12 in)  |
| Nominal Impedance         | 8 Ω   |
| Minimum Impedance         | 5.8 Ω   |
| Nominal Power Handling    | 1000 W<br>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 | 2000 W<br>Power on Continuous Program is defined as 3 dB greater than the Nominal rating.   |
| Sensitivity               | 93 dB<br>Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.   |
| Frequency Range           | 40 Hz - 1000 Hz   |
| Voice Coil Diameter       | 100 mm (4 in)   |
| Winding Material          | Copper  |
| Former Material           | Glass Fibre   |
| Winding Depth             | 27 mm (1.05 in)   |
| Magnetic Gap Depth        | 11 mm (0.43 in)   |
| Flux Density              | 1.15 T  |
| Woofer Cone Treatment     | TWP Waterproof Both Sides   |

## PARAMETERS

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

|      |   |
|------|---|
| Fs   | 39 Hz                                       |
| Re   | 5.1 Ω                                       |
| Qes  | 0.35  |
| Qms  | 6.8   |
| Qts  | 0.33  |
| Vas  | 41 dm <sup>3</sup> (1.45 ft <sup>3</sup> )  |
| Sd   | 522 cm <sup>2</sup> (80.9 in <sup>2</sup> ) |
| η0   | 0.7 %                                       |
| Xmax | 10.5 mm                                     |
| Xvar | 14 mm                                       |
| Mms  | 152 g                                       |
| Bl   | 23 Tm                                       |
| Le   | 1.6 mH                                      |
| EBP  | 111 Hz                                      |

## DESIGN

|                       |  |
|-----------------------|--|
| Surround Shape        | Roll                                       |
| Cone Shape            | Radial                                     |
| Magnet Material       | Neodymium Inside Slug                      |
| Spider                | Double Silicone                            |
| Pole Design           | T-Pole                                     |
| Woofer Cone Treatment | TWP Waterproof Both Sides                  |
| Recommended Enclosure | 40 dm <sup>3</sup> (1.41 ft <sup>3</sup> ) |
| Recommended Tuning    | 40 Hz                                      |

## MOUNTING AND SHIPPING INFO

|                               |   |
|-------------------------------|---|
| Overall Diameter              | 319 mm (12.5 in)                            |
| Bolt Circle Diameter          | 299 mm (11.8 in)                            |
| Baffle Cutout Diameter        | 281 mm (11.1 in)                            |
| Depth                         | 137 mm (5.4 in)                             |
| Flange and Gasket Thickness   | 13 mm (0.5 in)                              |
| Air Volume Occupied by Driver | 2.7 dm <sup>3</sup> (0.09 ft <sup>3</sup> ) |
| Net Weight                    | 8.8 kg (19.4 lb)                            |
| Shipping Units                | 1 pcs                                       |
| Shipping Weight               | 9.7 kg (21.38 lb)                           |
| Shipping Box                  | 360x360x200 mm<br>(14.17x14.17x7.87 in)     |

## SERVICE KITS

|                |             |
|----------------|-------------|
| LF recone-kits | RCK12BG1008 |
|----------------|-------------|