



10FW64

LF Drivers - 10.0 Inches

500 W continuous program power capacity
 64 mm (2.5 in) aluminium voice coil
 65 - 3000 Hz response
 98 dB sensitivity



Specifications

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|--|------------------|
| Nominal diameter | 250 mm (10.0 in) |
| Nominal impedance | 8 Ω |
| Minimum impedance | 6.4 Ω |
| Nominal power handling ¹ | 250 W |
| Continuous power handling ² | 500 W |
| Sensitivity (1W/1m) ³ | 98.0 dB |
| Frequency range | 65 - 3000 Hz |
| Voice coil diameter | 64 mm (2.5 in) |
| Winding material | Aluminium |
| Former material | Glass Fibre |
| Winding depth | 14 mm (0.55 in) |
| Magnetic gap depth | 8 mm (0.31 in) |
| Flux density | 1.25 T |

Design

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|-----------------|-------------|
| Surround shape | Double Roll |
| Cone shape | Exponential |
| Magnet material | Ferrite |

Design

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|-----------------------|--|
| Spider | Single |
| Pole design | T-Pole |
| Woofer cone treatment | WP Waterproof Front Side |
| Recommended enclosure | 26.0 dm ³ (0.92 ft ³) |
| Recommended tuning | 62 Hz |

Parameters⁴

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|----------------|---|
| Fs | 63 Hz |
| Re | 5.0 Ω |
| Qes | 0.25 |
| Qms | 3.4 |
| Qts | 0.23 |
| Vas | 27.0 dm ³ (0.95 ft ³) |
| Sd | 320.0 cm ² (50.0 in ²) |
| η _o | 2.6 % |
| Xmax | 5.0 mm |
| Xvar | 5.5 mm |
| Mms | 34 g |
| Bl | 16.4 Txm |

Parameters

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|-----|--------|
| Le | 0.9 mH |
| EBP | 252 Hz |

Mounting And Shipping Info

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|-------------------------------|---|
| Overall diameter | 261 mm (10.3 in) |
| Bolt circle diameter | 245 mm (9.6 in) |
| Baffle cutout diameter | 230.0 mm (8.8 in) |
| Depth | 116 mm (4.6 in) |
| Flange and gasket thickness | 13 mm (0.5 in) |
| Air volume occupied by driver | 2.5 dm ³ (0.09 ft ³) |
| Net weight | 5.9 kg (13.0 lb) |
| Shipping units | 1 |
| Shipping weight | 6.5 kg (14.3 lb) |
| Shipping box | 330x330x160 mm (13x13x6.3 in) |

Service Kit

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|------------|
| RCK10FW648 |
|------------|

1. 2 hours test made with continuous pink noise signal (6 dB crest factor) 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.