

- 700 W continuous program power capacity
- 76 mm (3 in) copper voice coil
- 45 - 3000 Hz response
- 98.5 dB sensitivity
- Ventilated voice coil gap for reduced power compression



12CL76 8 Ω

Woofer

SPECIFICATIONS

| | |
|---|---------------------------------|
| Nominal Diameter | 320 mm (12 in) |
| Nominal Impedance | 8 Ω |
| Minimum Impedance | 6.5 Ω |
| Nominal Power Handling | 350 W |
| 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 | 700 W |
| Power on Continuous Program is defined as 3 dB greater than the Nominal rating. | |
| Sensitivity | 98.5 dB |
| Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance. | |
| Frequency Range | 45 Hz - 3000 Hz |
| Voice Coil Diameter | 76 mm (3 in) |
| Winding Material | Copper |
| Former Material | Glass Fibre |
| Winding Depth | 17 mm (0.67 in) |
| Magnetic Gap Depth | 11 mm (0.43 in) |
| Flux Density | 1.05 T |
| Woofer Cone Treatment | WP Waterproof Front Side |

PARAMETERS

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

| | |
|------|---|
| Fs | 48 Hz |
| Re | 5.2 Ω |
| Qes | 0.22 |
| Qms | 4.8 |
| Qts | 0.21 |
| Vas | 59 dm³ (2.1 ft³) |
| Sd | 522 cm² (80.9 in²) |
| η0 | 2.9 % |
| Xmax | 6 mm |
| Xvar | 8.5 mm |
| Mms | 70 g |
| Bl | 22.4 Tm |
| Le | 1.5 mH |
| EBP | 218 Hz |

DESIGN

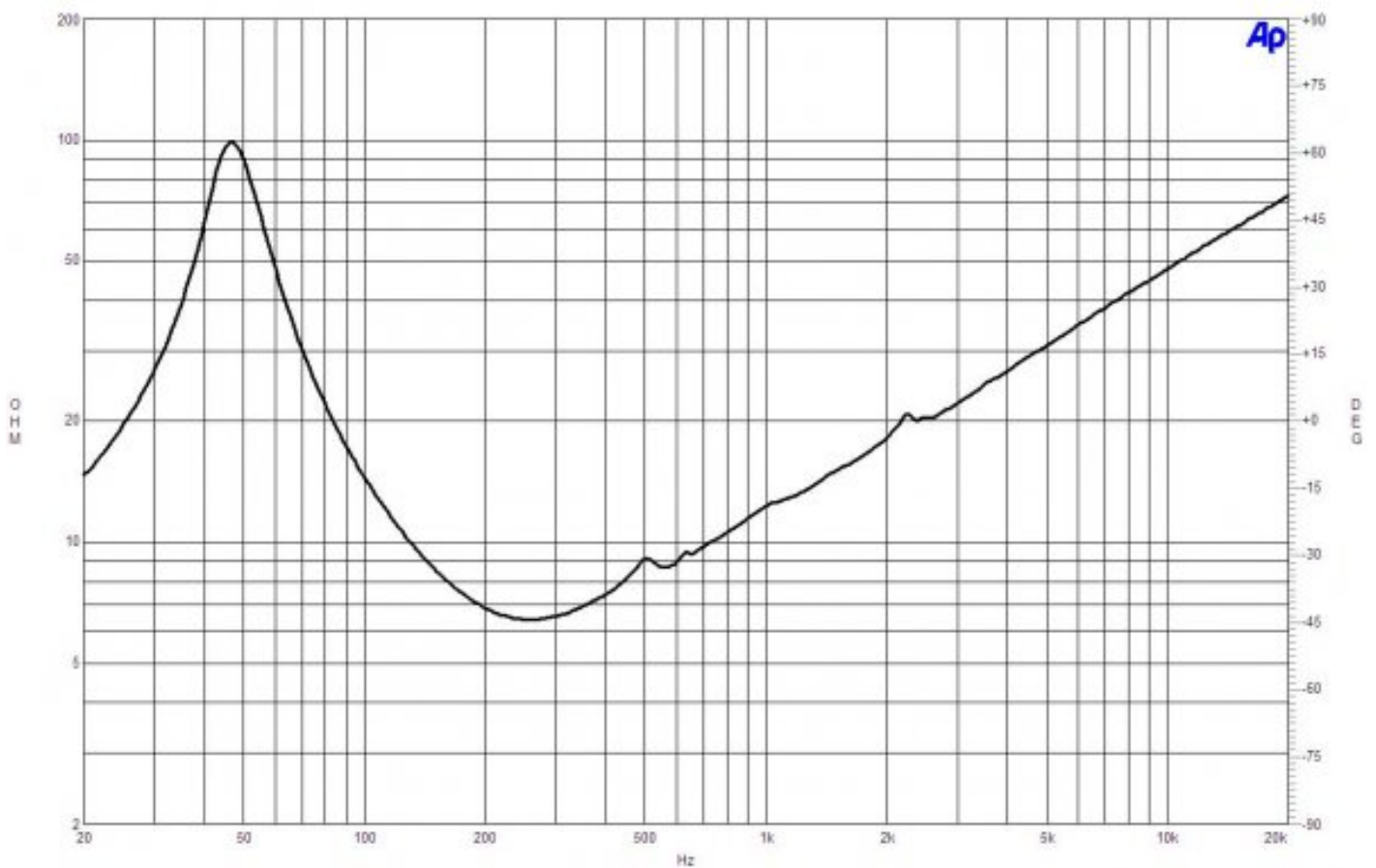
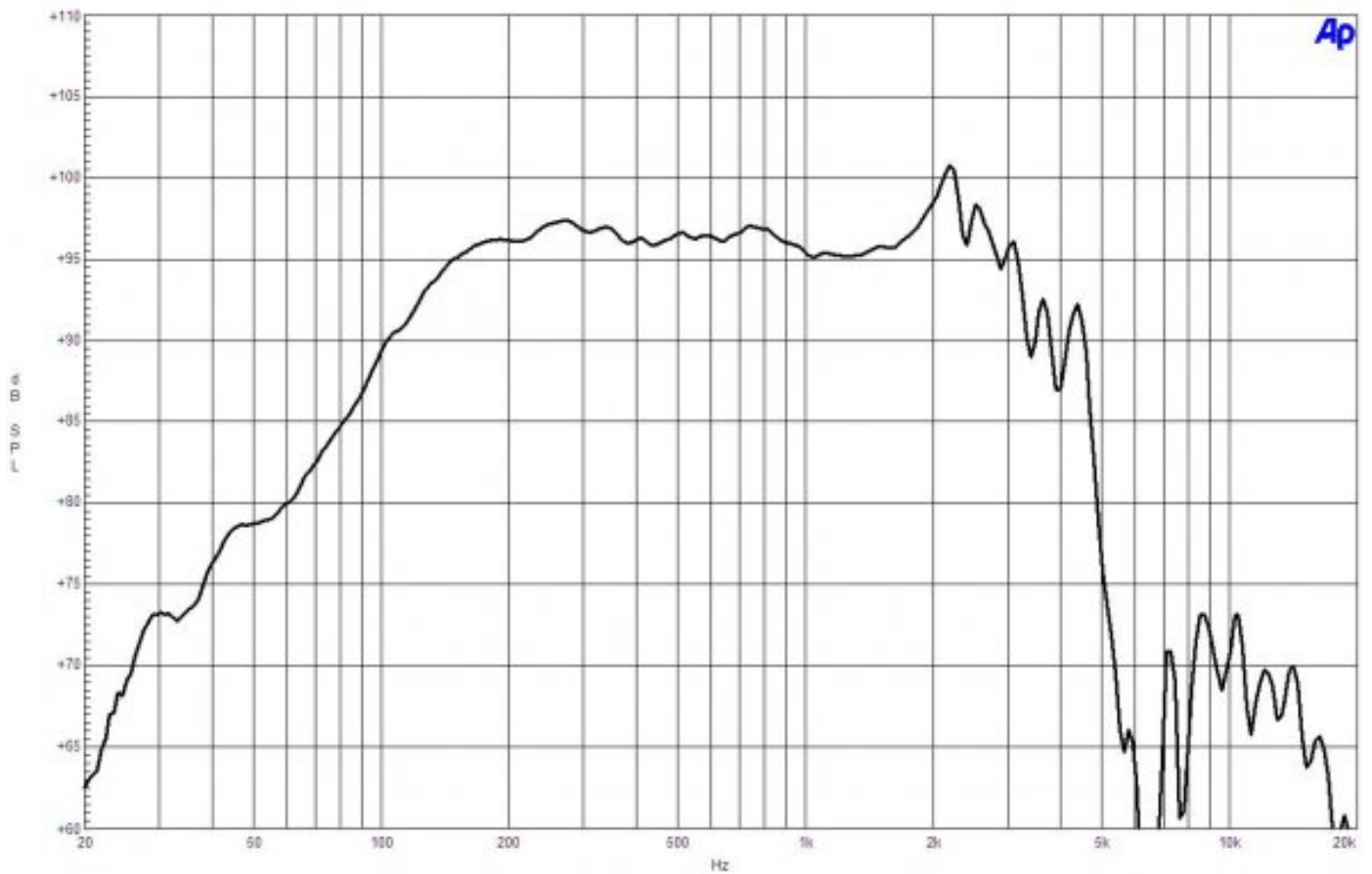
| | |
|-----------------------|--|
| Surround Shape | Triple Roll |
| Cone Shape | Exponential |
| Magnet Material | Neodymium Inside Slug |
| Spider | Single |
| Pole Design | Straight Pole |
| Woofer Cone Treatment | WP Waterproof Front Side |
| Recommended Enclosure | 40 dm³ (1.41 ft³) |
| Recommended Tuning | 60 Hz |

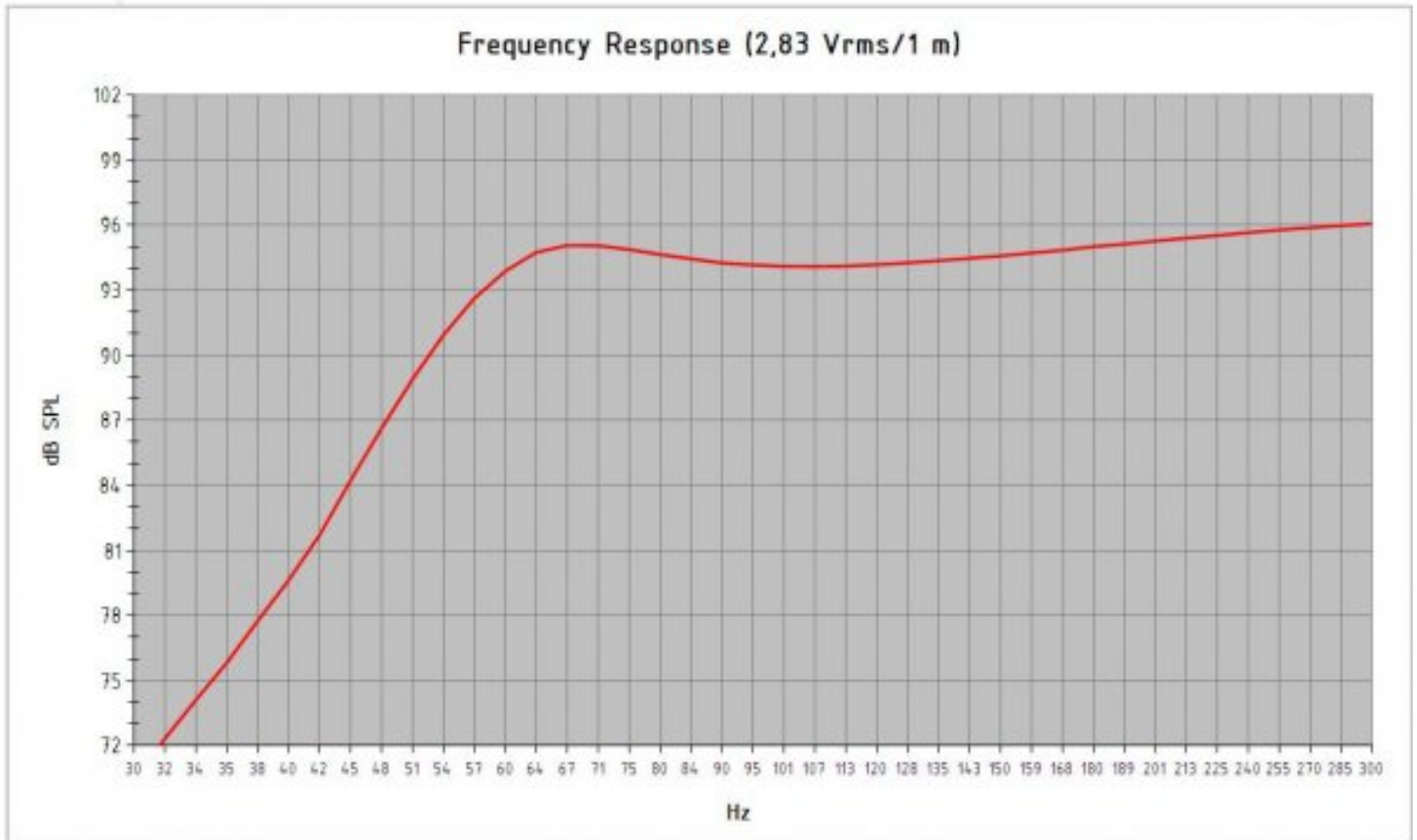
MOUNTING AND SHIPPING INFO

| | |
|-------------------------------|---|
| Overall Diameter | 313 mm (12.32 in) |
| Bolt Circle Diameter | 299 mm (11.77 in) |
| Baffle Cutout Diameter | 282 mm (11.1 in) |
| Depth | 142 mm (5.59 in) |
| Flange and Gasket Thickness | 9 mm (0.35 in) |
| Air Volume Occupied by Driver | 2.3 dm³ (0.08 ft³) |
| Net Weight | 3.35 kg (7.39 lb) |
| Shipping Units | 1 pcs |
| Shipping Weight | 4.25 kg (9.37 lb) |
| Shipping Box | 360x360x200 mm (14.17x14.17x7.87 in) |

SERVICE KITS

| | |
|----------------|-------------------|
| LF recone-kits | RCK12CL768 |
|----------------|-------------------|





Model: 12 CL 76
Enclosure Type: Bass Reflex
Internal Net Volume (Liters): 40
Tuning Frequency (Hz): 60 **Port Area (cm²):** 138,7
Frequency (-3 dB) (Hz): 60,8 **Port Length (cm):** 17,4
Excursion Limited Maximum SPL at 1 meter (dB): 121,5 equal to 342,8 Watts (Bass Band Power Rating)
Thermal Limited Maximum SPL at 1 meter (dB): 121,6 equal to 350,0 Watts (Mid Band Power Rating)

LF Drivers

Ø 12 inches

12CL76 8 Ω

Woofer

