

# 15PLB76

---

LF Drivers - 15.0 Inches

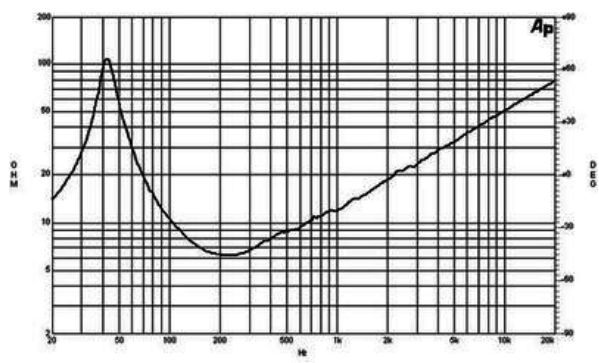
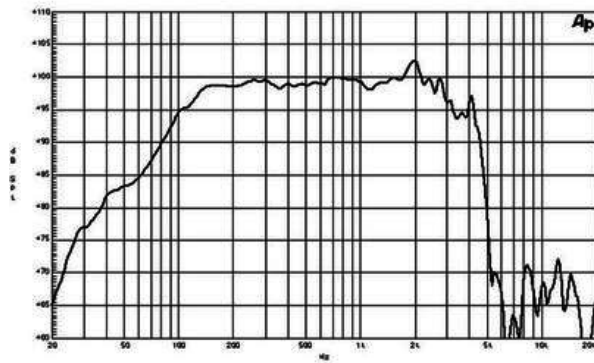


- 800 W continuous program power capacity
- 76 mm (3 in) copper voice coil
- 40 - 2000 Hz response
- 100 dB sensitivity



# 15PLB76

LF Drivers- 15.0 Inches



## SPECIFICATIONS

Nominal diameter	380 mm (15.0 in)
Nominal impedance	8 $\Omega$
Minimum impedance	6.2 $\Omega$
Nominal power handling <sup>1</sup>	400 W
Continuous power handling <sup>2</sup>	800 W
Sensitivity (1W/1m) <sup>3</sup>	100.0 dB
Frequency range	40 - 2000 Hz
Voice coil diameter	76 mm (3.0 in)
Winding material	Copper
Former material	Glass Fibre
Winding depth	16 mm (0.62 in)
Magnetic gap depth	11 mm (0.4 in)
Flux density	1.15 T

## DESIGN

Surround shape	Triple Roll
Cone shape	Exponential
Magnet material	Ferrite
Spider	Single
Pole design	T-Pole
Woofer cone treatment	WP Waterproof Front Side
Recommended enclosure	100.0 dm <sup>3</sup> (3.53 ft <sup>3</sup> )
Recommended tuning	50 Hz

## PARAMETERS

Fs	42 Hz
Re	5.0 $\Omega$
Qes	0.26
Qms	5.9
Qts	0.25
Vas	164.0 dm <sup>3</sup> (5.8 ft <sup>3</sup> )
Sd	855.0 cm <sup>2</sup> (132.5 in <sup>2</sup> )
$\eta_o$	4.5 %
Xmax	5.0 mm
Xvar	8.0 mm
Mms	88 g
Bl	22.1 Txm
Le	1.3 mH
EBP	161 Hz

## MOUNTING AND SHIPPING INFO

Overall diameter	393 mm (15.5 in)
Bolt circle diameter	374 mm (14.7 in)
Baffle cutout diameter	354.0 mm (13.9 in)
Depth	169 mm (6.65 in)
Flange and gasket thickness	16 mm (0.62 in)
Air volume occupied by driver	5.2 dm <sup>3</sup> (0.18 ft <sup>3</sup> )
Net weight	8.5 kg (18.7 lb)
Shipping units	1
Shipping weight	10.2 kg (22.4 lb)
Shipping box	420x420x200 mm (16.5x16.5x7.9 in)

## SERVICE KIT

RCK15PLB768

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.