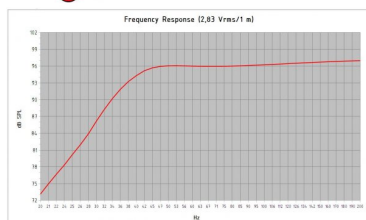
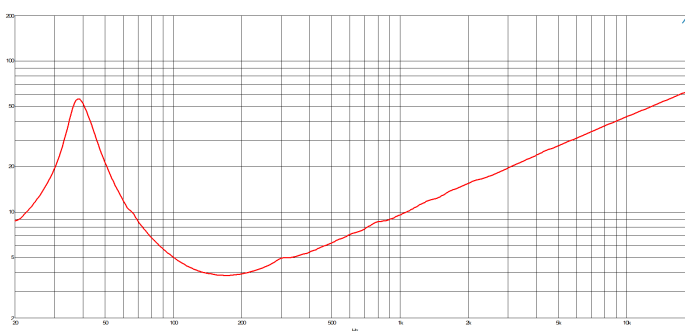
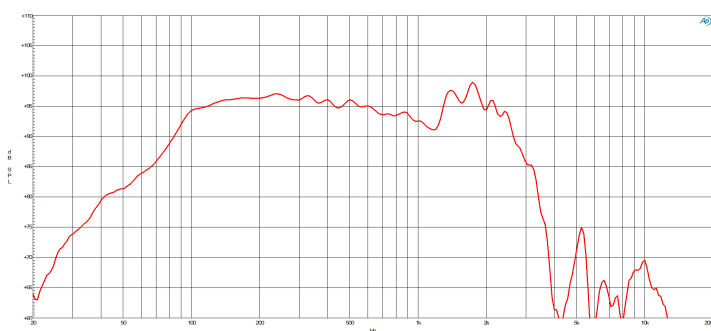


- 1400 W continuous program power capacity
- 100 mm (4 in) copper voice coil
- 40 - 2000 Hz response
- 96.5 dB sensitivity
- Double silicone spider with optimized compliance



Model: 18PZB100  
 Product Type: Bass Driver  
 Internal Air Volume (L/min): 180  
 Flange Frequency (Hz): 28  
 Frequency (1 dB/100): 45.3  
 Flange Length (mm): 224.6  
 Flange Width (mm): 25.4  
 Expansion Limited Maximum SPL at 1 meter (dB): 128.6  
 Maximum Limited Maximum SPL at 1 meter (dB): 128.6  
 (dBu) (Sens) Power Rating: 286.7  
 (dBu) (Sens) Power Rating: 286.7

### SPECIFICATIONS

Nominal Diameter	460 mm (18 in)
Nominal Impedance	4 Ω
Minimum Impedance	4.2 Ω
Nominal Power Handling	700 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	1400 W Power on Continuous Program is defined as 3 dB greater than the Nominal rating.
Sensitivity	96.5 dB Applied RMS Voltage is set to 2 V for 4 ohms Nominal Impedance.
Frequency Range	40 Hz - 2000 Hz
Voice Coil Diameter	100 mm (4 in)
Winding Material	Copper
Former Material	Glass Fibre
Winding Depth	21 mm (0.83 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	38 Hz
Re	4 Ω
Qes	0.29
Qms	6.1
Qts	0.28
Vas	164 dm <sup>3</sup> (5.79 ft <sup>3</sup> )
Sd	1134 cm <sup>2</sup> (175.77 in <sup>2</sup> )
η0	2.95 %
Xmax	8 mm
Xvar	8 mm
Mms	190 g
Bl	25 Tm
Le	1.25 mH
EBP	131 Hz

### DESIGN

Surround Shape	Double Roll
Cone Shape	Exponential
Magnet Material	Ferrite
Spider	Double Silicone
Pole Design	Straight Pole
Woofer Cone Treatment	TWP Waterproof Both Sides
Recommended Enclosure	160 dm <sup>3</sup> (5.65 ft <sup>3</sup> )
Recommended Tuning	39 Hz

### MOUNTING AND SHIPPING INFO

Overall Diameter	460 mm (18.11 in)
Bolt Circle Diameter	440 mm (17.32 in)
Baffle Cutout Diameter	422 mm (16.61 in)
Depth	202 mm (7.95 in)
Flange and Gasket Thickness	16 mm (0.63 in)
Air Volume Occupied by Driver	9.5 dm <sup>3</sup> (0.34 ft <sup>3</sup> )
Net Weight	12.2 kg (26.9 lb)
Shipping Units	1 pcs
Shipping Weight	13.8 kg (30.42 lb)
Shipping Box	500x495x275 mm (19.69x19.49x10.83 in)

### SERVICE KITS

LF recone-kits	RCK18PZB1004
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