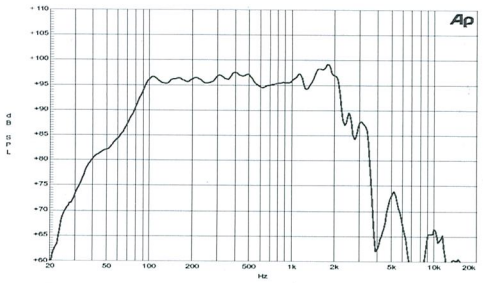
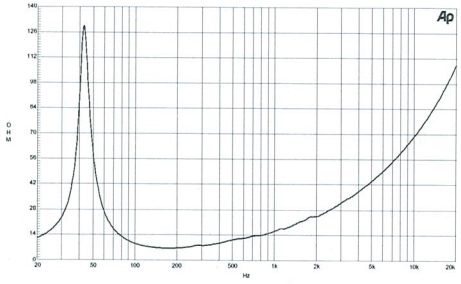
15 PZB 40 | Woofer

Very high power woofer, 4" voice coil, 1400 watts power handling, very low distortion and good linearity, extremely long excursion. A specially designed voice coil allows for the best thermal dissipation and significantly reduces power compression





Specifications

Nominal Diameter	380 mm (15 in.)
Nominal Impedance	8 Ω
Minumum Impedance	6.6 Ω
Power Handling (50 -500 Hz)	
Nominal[1]	700 W
Continuous Program[2]	1400 W
Sensitivity (1W/1m)[3]	96.5 dB
Frequency Range	40-2000 Hz
Voice Coil Diameter	100 mm (4 in.)
Winding Material	Copper
Former Material	Glass Fibre
Winding Depth	21 mm (13/16 in.)
Magnetic Gap Depth	9 mm (19/32 in.)
Flux Density	1.15 T

Thiele & Small Parameters[4]

Fs	43 Hz
Re	5.3 Ω
Qes	0.3
Qms	7.4
Qts	0.29
Vas	112 dm.^{3} (4 cu. ft.)
Sd	855 cm.^{2} (132.5 sq. in.)
η0	2.9 %
X max	± 8 mm.
Mms	123 gr.
Bl	24.3 Tm
Le	2.4 mH

Mounting and Shipping Informations

Overall Diameter	394 mm. (15.5 in.)
Bolt Circle Diameter	374 mm. (14.6 in.)
Baffle Cutout Diameter	355 mm. (13.9 in.)
Depth	171 mm. (6.7 in.)
Flange and Gasket Thickness	16 mm. (5/8 in.)
Net weight	12.5 Kg. (27.5 lb.)
Shipping Weight	13.8 Kg. (30.4 lb.)
Shipping Box	450x450x200 mm (17.7x17.7x8 in.)

[1] 2 hours test made with continuous pink noise signal (6 dB crest factor) within the specified range . 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 2.83V for 8 ohms and 4V for 16 ohms Nominal Impedance. Average SPL from 200 to 2000Hz.
[4] Thiele-Small parameters are measured after a high level 20 Hz sine wave preconditioning test.