

PD.15BR40 | Bass/ Mid Range Driver

15" / 380 mm
NOMINAL DIAMETER

700 Watts (A.E.S.)
POWER HANDLING

96 dB
SENSITIVITY

40 Hz - 2.5 kHz
FREQUENCY RESPONSE

4.0" / 101 mm
VOICE COIL DIAMETER

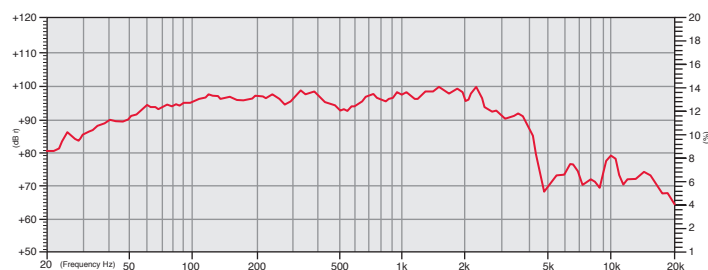
75-200 Litres recommended enclosure volume



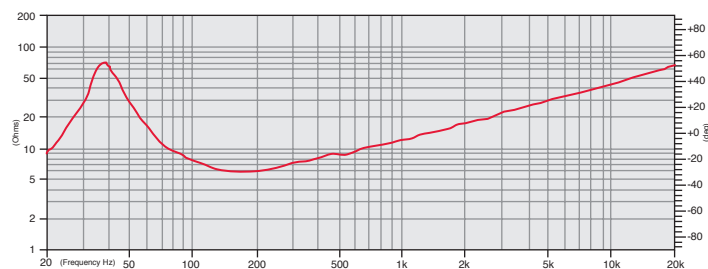
- ▶ Heavy duty cast aluminium frame for increased rigidity
- ▶ 147 oz. magnet

SPECIFICATIONS	
Nominal Diameter	15" / 380 mm
Voice Coil Diameter	4.0" / 101 mm
Nominal Impedance	8 Ω
Power Rating	700 Watts (A.E.S.)
Peak Power (6dB Crest Factor)	2800 Watts (A.E.S.)
Sensitivity (1w - 1m)	96 dB
Frequency Range	40 Hz - 2.5 kHz
Recommended Enclosure Volume	75 - 200 Litres
Resonance	35 Hz
Voice Coil Winding Depth	1.0" / 25 mm
Magnet Gap Depth	0.36" / 9 mm
Magnet Weight	147 oz / 4.16 Kg
Flux Density	1.34 Tesla
Magnet Material	Ceramic
Voice Coil Material	Copper
Dust Dome Material	Paper
Suspension Material	Fabric
Cone / Surround Material	Paper / Cloth

FREQUENCY RESPONSE DATA:



IMPEDANCE:



APPLICATION NOTES:

The ultimate 15" transducer for no compromise bass reflex applications and designed to be capable of being tuned to the lowest bass registers. A smooth extended mid range to allow easy crossover integration makes this a perfect transducer for applications including studio monitors and high quality AV. The impressive Xmax ensures that control is maintained at low frequencies.

*1 Power compression is the reduction of sensitivity at the specified power. Higher power ratings do not necessarily give a proportionate increase in SPL therefore the maximum SPL of the driver may significantly exceed that of other manufacturers with high power ratings.
** Distortion is measured at 10% of the rated power (A.E.S. Standard).

1. A.E.S. Standard (50 to 500 Hz) Program 1400 Watts.
2. A.E.S. Recommended Practice.
3. Thiele - Small Parameters follow a 700 Watt preconditioning period.

Half space response measured in a 975 Litre sealed box. Please note that frequency response measurements are supplied for comparison purposes only and are not a measure of the low frequency performance which may be achievable in a fully optimised system.

THEIIE SMALL PARAMETERS	
Fs	38.710 Hz
Re	5.053 Ω
Qts	0.343
Qms	6.127
Qes	0.364
Vas	158.302 Litres
Mms	109.713 grams
Sd	855.3 cm ²
Cms	154.074 μm/N
BL	19.254 T/m
Xmax	10.5 mm
Vd	0.89 Litres
Reference Efficiency	2.54%

MOUNTING AND SHIPPING INFORMATION

Fixing Holes
x6 Fixing Holes M6 x8
Concealed M6

Nett Weight
29.31 lb / 13.3 Kg

Shipping Weight
31.96 lb / 14.5 Kg

