

PW15/300



SPECIFICATIONS

Nominal diameter	380mm.15in
Nominal impedance	8 ohm
Power rating	300w RMS
Sensitivity (1w/1m)	96dB±2dB
Frequency range	44-5kHz
Voice coil diameter	φ 75.5mm
Voice coil length	16mm
Air gap height	10mm
Magnet dimension	φ 170mmx20mm

THIELE & SMALL PARAMETERS

Resonant frequency, FS	44Hz
D.C. Voice coil resistance, Re	5.5 ohm
Mechanical quality factor, Qms	12
Electrical quality factor, Qes	0.59
Total quality factor, Qts	0.56
Equivalent air volume to Cms, Vas	166L
Mechanical compliance, Cms	0.16mm/N
Mechanical resistance, Rms	1.8kg/s
Efficiency, η(%)	2.35
BL factor, Bl	16N/A
Effective surface area, Sd	0.09m ²
Peak linear displacement of cone, Xmax	3.0mm

MATERIALS

Basket	Die cast aluminium
Cone and dust cap	Paper
Surround	Treated cloth
Voice coil wire	Copper Clad AL ribbon
Voice coil bobbin	Kapton
Magnet	Ferrite

MOUNTING INFORMATION

Overall diameter	φ 390mm
Bolt circle diameter	φ 370mm
Baffle cutout diameter	φ 358mm
Depth	150mm
Net weight	8kg

