

# PW12-200



## SPECIFICATIONS

Nominal diameter	300mm.12in
Nominal impedance	8 ohm
Power rating	200w RMS
Sensitivity (1w/1m)	96dB ± 2dB
Frequency range	46-3500Hz
Voice coil diameter	φ 65.5mm
Voice coil length	16mm
Air gap height	8mm
Magnet dimension	φ 170mmx20mm

## THIELE & SMALL PARAMETERS

Resonant frequency, FS	46Hz
D.C. Voice coil resistance, Re	6.8 ohm
Mechanical quality factor, Qms	2.66
Electrical quality factor, Qes	0.43
Total quality factor, Qts	0.37
Equivalent air volume to Cms, Vas	95L
Mechanical compliance, Cms	mm/N
Mechanical resistance, Rms	0.26kg/s
Efficiency, ηo(%)	2.24
BL factor, Bl	14.3N/A
Effective surface area, Sd	0.051m <sup>2</sup>
Peak linear displacement of cone, Xmax	4,0mm

## MATERIALS

Basket	Die cast aluminium
Cone and dust can	Paper
Surround	Treated cloth
Voice coil wire	Copper
Voice coil bobbin	Aluminium
Magnet	Ferrite

## MOUNTING INFORMATION

Overall diameter	φ 314mm
Bolt circle diameter	φ 295mm
Baffle cutout diameter	φ 284mm
Depth	130mm
Net weight	5.25kg

