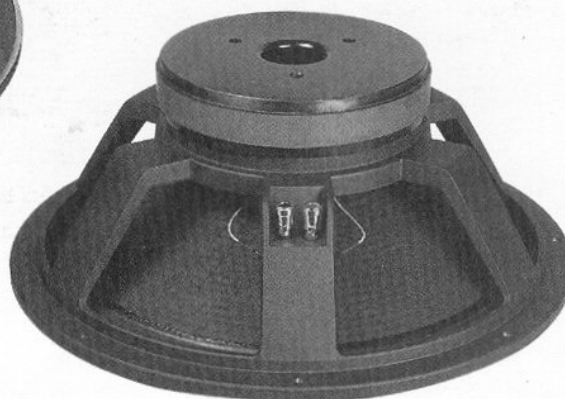


PW18/500



SPECIFICATIONS

Nominal diameter	457mm. 18in
Nominal impedance	8 ohm
Power rating	500w RMS
Sensitivity (1w/1m)	95dB \pm 2dB
Frequency range	45-2KHz
Voice coil diameter	ϕ 99.2mm
Voice coil length	20mm
Air gap height	10mm
Magnet dimension	ϕ 220mmx25mm

THIELE & SMALL PARAMETERS

Resonant frequency, FS	45Hz
D.C. Voice coil resistance, Re	5.5 ohm
Mechanical quality factor, Qms	4.22
Electrical quality factor, Qes	0.66
Total quality factor, Qts	0.57
Equivalent air volume to Cms, Vas	145L
Mechanical compliance, Cms	0.08mm/N
Mechanical resistance, Rms	10.8kg/s
Efficiency, η o(%)	1.99
BL factor, Bl	19.5N/A
Effective surface area, Sd	0.125m ²
Peak linear displacement of cone, Xmax	5.0mm

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 464mm
Bolt circle diameter	ϕ 443mm
Baffle cutout diameter	ϕ 420mm
Depth	178mm
Net weight	11.5kg

