

WINNER-SERIES

LOW & BASS TRANSDUCER



WN-15S

GENERAL SPECIFICATIONS

Nominal Diameter	: 380 mm 15 Inch
Rated Impedance	: 8 Ω
Power Handling Capacity	: 300 Watts(rms)
Sensitivity 2.83 V, 1M	: 100.2 dB
Effective Piston Diameter	: 340 mm 13.4 Inch
Voice Coil Diameter	: 76.2 mm 3.0 Inch

THIELE-SMALL PARAMETERS

Resonance Frequency	Fs	39.8 Hz
DC Resistance	Re	5.4 Ω
Mechanical Q Factor	Qms	7.557
Electrical Q Factor	Qes	0.261
Total Q Factor	Qts	0.252
BL Factor	BL	18.34 TM
Effective Moving Mass	Mms	64.99 gr
Equivalent Gas Air Load	Vas	286.79 liters
Effective Piston Area	Sd	0.0907 m ²
Voice - Coil inductance @ 1KHz	Le	0.81 mH
Half-Space Efficiency	Eff	6.71 %
Airgap Height	Hag	9 mm
Voice Coil Height	Hvc	16 mm
Voice Coil Over-Hung	Xmax	3.5 mm

PHYSICAL INFORMATION

Basket	: Cast Aluminium
Magnet	: Neodymium
Voice Coil Former	: Glass Fiber Ployimide 400°C
Voice Coil Material	: CCAW 300°C
Cone Material	: Pulp Paper
Surround	: Treated Cloth
Dust Cap	: Paper
Unit Weight	: 3.70 kgs(8.14Lb)/pcs
Gross Weight	: 4.7 kgs(4.34Lb)/pcs
Packing Dimension WxLxH(mm)	: 440 x 440 x 220
	17.32inx17.32inx8.66in
	1.50 Cu.Ft

MOUNTING INFORMATION

