

SD-15EL Low Frequency Transducer

SD-Series

Heavy Duty



General Specifications

Nominal Diameter	380	mm	15	Inch
Rated Impedance	8	ohm		
Operating Bandwidth	20	Hz - 400	Hz	
Power Handling Capacity	800	W (rms)		
Sensitivity 2.83 V, 1M	93	dB		
Effective Piston Diameter	329	mm	13.0	Inch
Voice Coil Diameter	126.00	mm	5	Inch

Thiele - Small Parameters

Resonance Frequency	Fs	52.4	Hz
DC Resistance	Re	5.5	ohm
Mechanical Q Factor	Qms	5.770	
Electrical Q Factor	Qes	0.582	
Total Q Factor	Qts	0.528	
BL Factor	BL	23.39	TM
Effective Moving Mass	Mms	175.73	gr
Equivalent Cas air load	Vas	54.53	liters
Effettive piston area	Sd	0.0850	m ²
Voice - coil inductance @ 1KHz	Le	0.68	mH
Half-space efficiency	Eff	1.30	%
Airgap Height	Hag	12.0	mm
Voice coil Height	Hvc	25.0	mm
Voice Coil Over-Hung	Xmax	6.5	mm

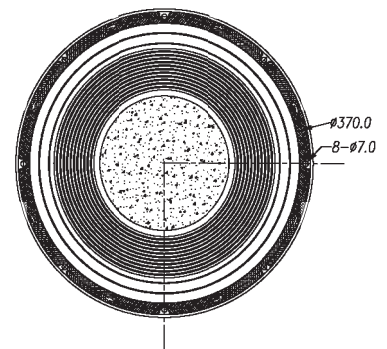
Physical Information

Basket
Magnet type,size ODxIDxH (mm)
Voice coil Former

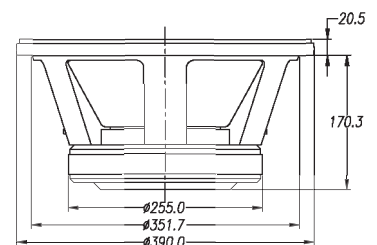
Voice coil Material

Cone Material
Surround
Dust Cap
Packing Quantity
Unit Weight /piece
Gross Weight / piece
Packing Dimension WxLxH (mm)

Die Cast Aluminum
 280X 150 X 25.4 Ferrite 196.6 oz.
 Glass Fiber Bobbin (Ployimide)
 High Temp 400°C
 Aluminum Wire (inside & outside)
 High Temp 300°C
 Pulp Paper
 Treated Cloth
 Paper
 1 Piece / Pack
 13.8Kg (30.3Lb)
 15.2Kg (33.4Lb)
 435 X 435 X 255
 17.1in X 17.1in X 10in
 1.70 Cu.Ft.



TOP VIEW



SIDE VIEW

