



EW 638

Elite Woofer,
 Ø 6", Ø 3" voicecoil, 8Ω



SPECIFICATIONS

General Data

Overall Dimensions	DxH	160mm(6.3")x69mm(2.71")
Nominal Power Handling (DIN)	P	150W
Transient Power 10ms		1000W
Sensitivity 1W/1M		87.5dB SPL
Frequency Response		30-4,000
Cone/Dome Material		Damped Polymer Composite
Net Weight	Kg	1.2

Electrical Data

Nominal Impedance	Z	8Ω
DC Resistance	Re	4.9Ω
Voice Coil Inductance @ 1KHz	LBM	0.27mH

Voice Coil and Magnet Parameters

Voice Coil Diameter	DIA	75mm
Voice Coil Height		18mm
HE Magnetic Gap Height	HE	6mm
Max. Linear Excursion	X	± 6mm
Voice Coil Former		Aluminum
Voice Coil Wire		Hexatech™ Aluminum
Number Of Layers		2
Magnet System Type		Hybrid™ Neodymium/Ferrite
B Flux Density	B	0.92 T
BL Product	BXL	7.5 N.A

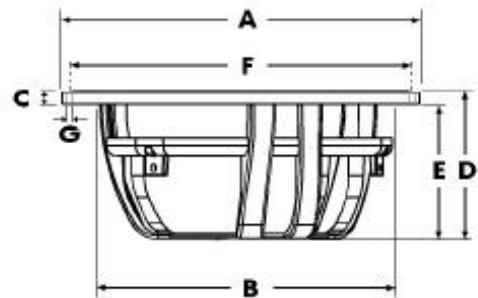
T-S Parameters

Suspension Compliance	Cms	0.881 mm/N
Mechanical Q Factor	Qms	1.63
Electrical Q Factor	Qes	0.38
Total Q Factor	Qts	0.3
Mechanical Resistance	Rms	2.6 Kg/s
Moving Mass	Mms	16 g
Eq. Cas Air Load (liters)	VAS	16.92 Lt
Resonant Frequency	Fs	43 Hz
Effective Piston Area	SD	119 cm ²

FEATURES

- * Uniflow™ Aluminum diecast chassis
- * Hybrid™ Neodymium/Ferrite magnet system
- * Copper insulated center pole
- * 3" Large Hexatech™ Aluminum voice coil
- * High power handling
- * High Xmax, Low Qts, Low Fs

Unit Dimensions



- A - Overall diameter 160mm
- B - Cut out diameter 140mm
- C - Flange thickness 6mm
- D - Overall height 69mm
- E - Basket depth 63mm
- F - Mounting holes location diameter 152mm
- G - 6 Mounting holes, at 60° interval, inner hole diameter Ø 4.2mm

