

LEGEND 102 (8 ohm - 20w)

Impedance	8 ohms
Power Rating	20Wrms
Voice Coil Diameter	1", 25.4mm
Coil Material	Copper
Flat/Round Coil Wire	Round
Coil Former Material	Paper
Basket Type	Stamped Steel
Cone Surround Material	Paper
Dust Cap Material	Felt
Magnet Weight	6oz. ALNICO
Usable Bandwidth (Fs to -3dB)	100Hz - 6kHz
SPL	98dB

Mounting Information

Nominal Basket Diameter	10.01", 254.3mm
Baffle Hole Diameter	9.05", 229.9mm
Mounting Holes Diameter	0.22", 5.6mm
Mounting Holes B.C.D.	9.6", 243.8mm
Depth	4.8", 123mm
Shipping Weight	4.4 lbs., 1.9 kg.

Thiele-Small Parameters

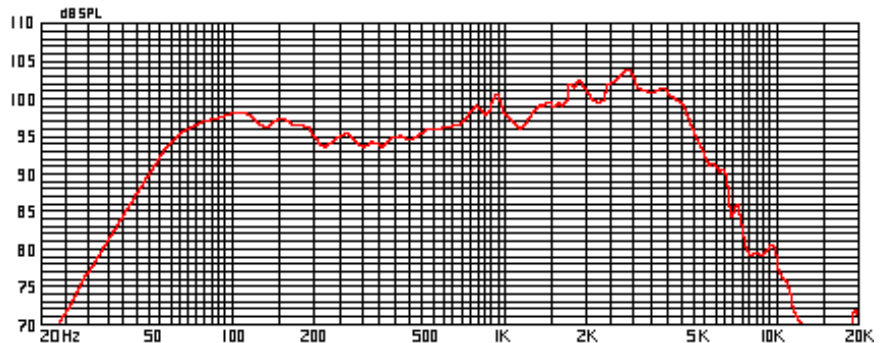
Power Rating	20Wrms
Resonant Frequency (fs)	87Hz
Impedance (Re)	5.87 ohms
Coil Inductance (Le)	0.48mH
Electromagnetic Q (Qes)	1.60
Mechanical Q (Qms)	20.29
Total Q (Qts)	1.48
Compliance Equivalent Volume (Vas)	35.9 liters
Mechanical Compliance of Suspension (Cms)	1.27 cu. ft.
BL Product (BL)	0.21mm/N
Diaphragm Mass inc. Airload (Mms)	5.59 T-M
Equiv. Resistance of Mechanical Suspension Loss (Rms)	15.5 grams
Efficiency Bandwidth Product (EBP)	0.42N*sec/M
Voice Coil Overhang (Xmax)	54.6
Surface Area of Cone (Sd)	2.0mm
	344.9cm ²



Application Notes

Eminence has been producing this ALNICO model for some of the world's finest amplifier manufacturers for years. Even more popular than its ALNICO sister, the 122, this classic lends that warm blues tone that has helped in making many of its users legendary. We rate the paper bobbin at 20W (blue frame) and the new Kapton version (black frame) at 35W. Like the 12" ALNICO, this speaker was created for lower power, vintage amplifier applications where a thinner 'Jensen' tone is desired.

Make that old amp new again, or take a new one and make it sound old!



Eminence Speaker LLC
P. O. Box 360
Eminence, Kentucky 40019
USA
502.845.5622 phone
502.845.5653 fax
info@eminence.com
www.eminence.com