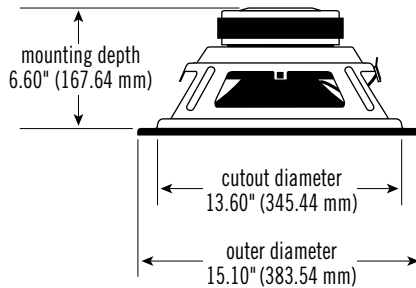


## SPECIFICATIONS

DIAMETER:	15" (381.0 mm)
SENSITIVITY (2.83 V @ 1 m):	93 dB
POWER HANDLING:	300 W <sub>RMS</sub>
FREQUENCY RESPONSE:	20 Hz ~ 1.2 kHz
NOMINAL IMPEDANCE:	5 OHMS
VOICE-COIL DIAMETER:	2.0" (50.7 mm)

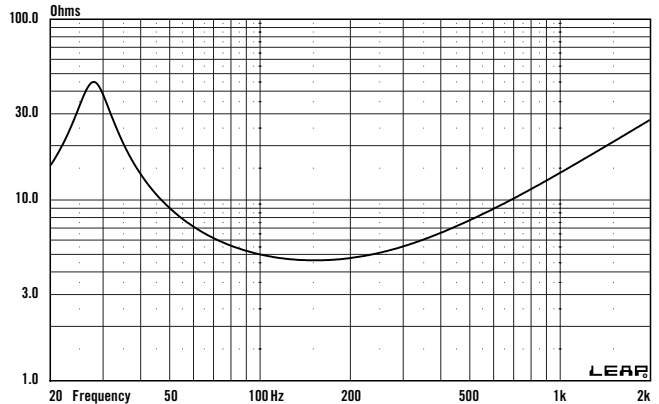
**DIMENSIONS:**



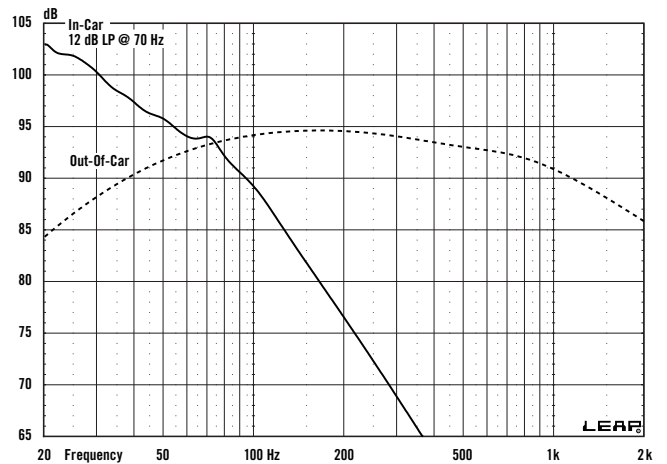
## THIELE-SMALL PARAMETERS

VOICE COIL DC RESISTANCE:	$R_{EVC}$ (OHMS) . . . . .	4.50
VOICE COIL INDUCTANCE @ 1 kHz:	$L_{EVC}$ (MH) . . . . .	2.20
DRIVER RADIATING AREA:	$S_D$ (IN <sup>2</sup> ) . . . . .	140.12
	$S_D$ (CM <sup>2</sup> ) . . . . .	908.00
MOTOR FORCE FACTOR:	$BL$ (TM) . . . . .	15.90
COMPLIANCE VOLUME:	$V_{AS}$ (FT <sup>3</sup> ) . . . . .	10.43
	$V_{AS}$ (LITERS) . . . . .	246.00
SUSPENSION COMPLIANCE:	$C_{MS}$ (μM/N) . . . . .	210.10
MOVING MASS, AIR LOAD:	$M_{MS}$ (GRAMS) . . . . .	153.80
MOVING MASS, DIAPHRAGM:	$M_{MD}$ (GRAMS) . . . . .	138.00
FREE-AIR RESONANCE:	$F_S$ (Hz) . . . . .	28.00
MECHANICAL Q:	$Q_{MS}$ . . . . .	4.30
ELECTRICAL Q:	$Q_{ES}$ . . . . .	0.48
TOTAL Q:	$Q_{TS}$ . . . . .	0.43
MAGNETIC-GAP HEIGHT:	$H_{AG}$ (IN) . . . . .	0.34
	$H_{AG}$ (MM) . . . . .	8.63
VOICE-COIL HEIGHT:	$H_{VC}$ (IN) . . . . .	0.67
	$H_{VC}$ (MM) . . . . .	17.02
MAXIMUM EXCURSION:	$X_{MAX}$ (IN) . . . . .	0.17
	$X_{MAX}$ (MM) . . . . .	4.19

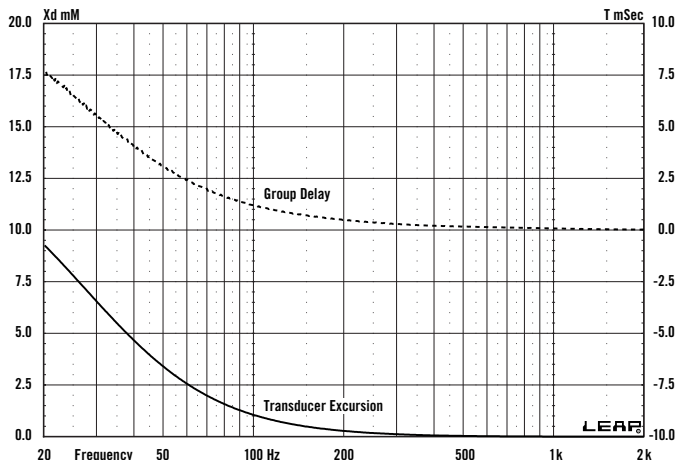
## IMPEDANCE CURVE



## INFINITE BAFFLE FREQUENCY RESPONSE @ 2.83 V



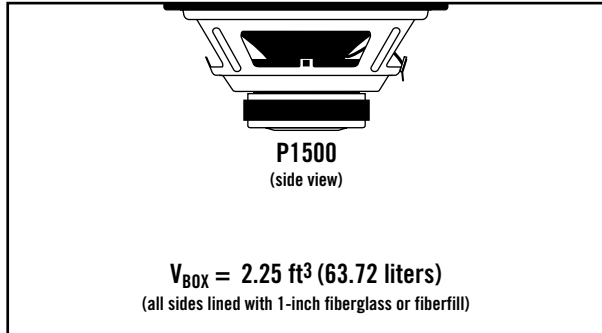
## INFINITE BAFFLE EXCURSION/GROUP DELAY @ 50 W



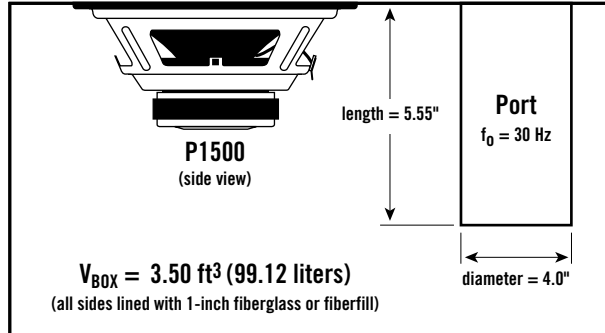


# P1500 15" Woofer – Technical Data

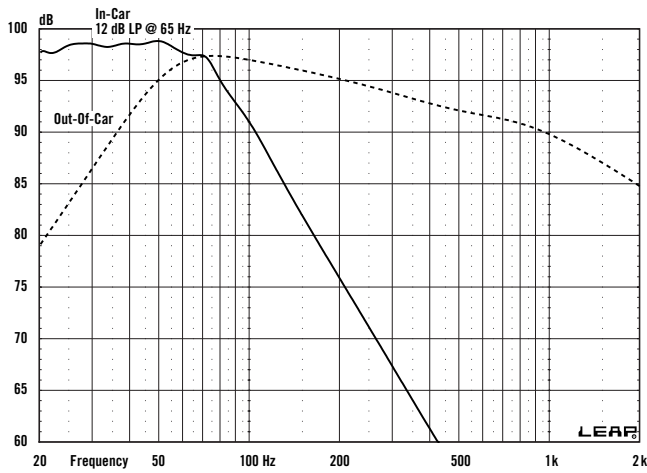
## SEALED BOX VOLUME



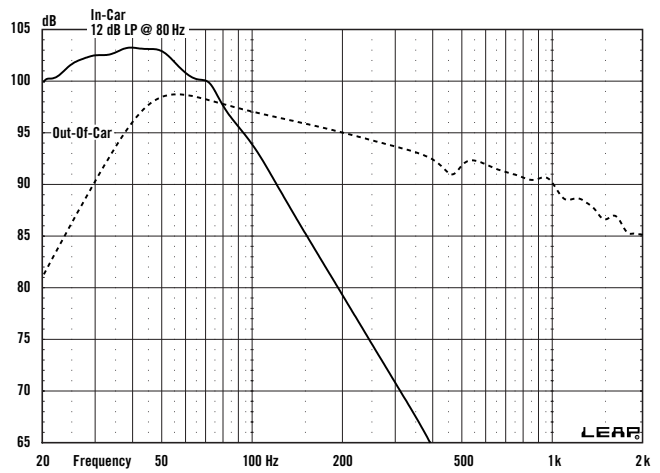
## VENTED BOX VOLUME



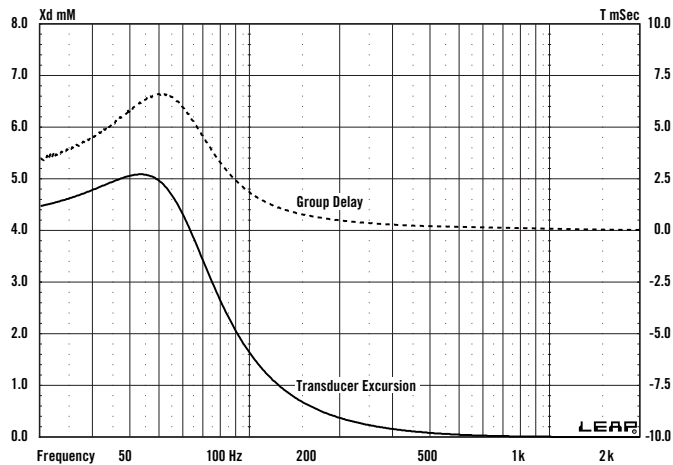
## SEALED FREQUENCY RESPONSE @ 2.83 V



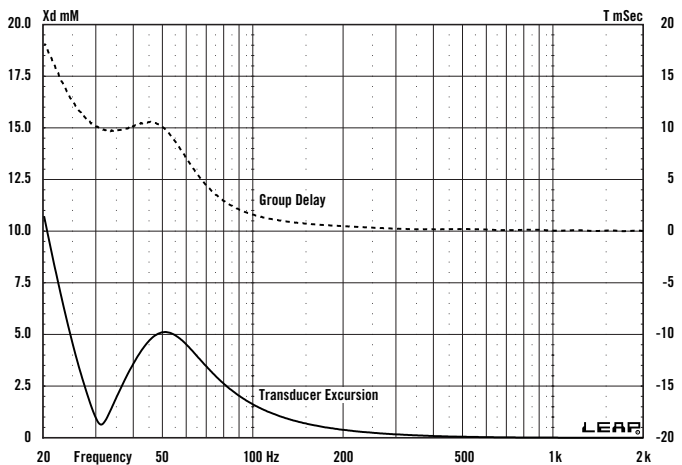
## VENTED FREQUENCY RESPONSE @ 2.83 V



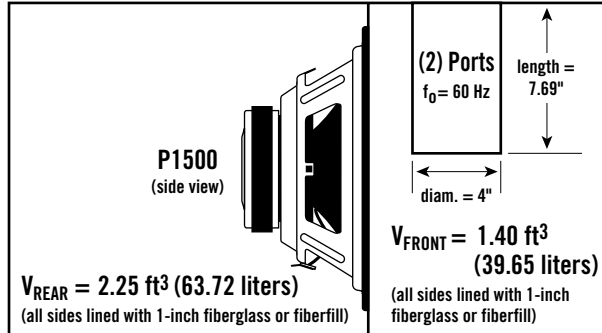
## SEALED EXCURSION/GROUP DELAY @ 200 W



## VENTED EXCURSION/GROUP DELAY @ 250 W

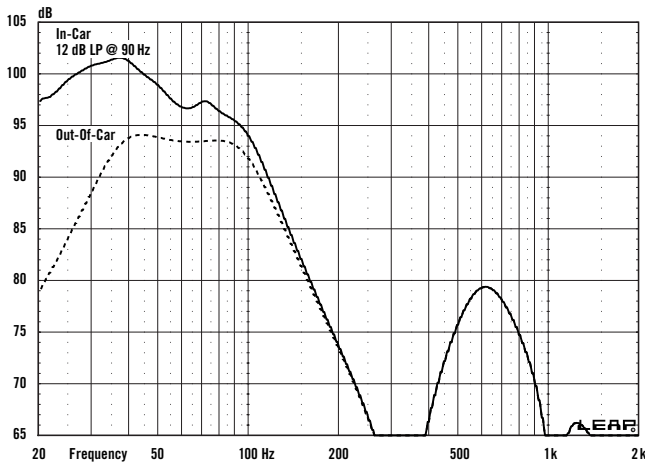


**SEALED BANDPASS  
BOX VOLUME**



**NOTES**

**SEALED BANDPASS  
FREQUENCY RESPONSE @ 2.83 V**



**SEALED BANDPASS  
EXCURSION/GROUP DELAY @ 175 W**

