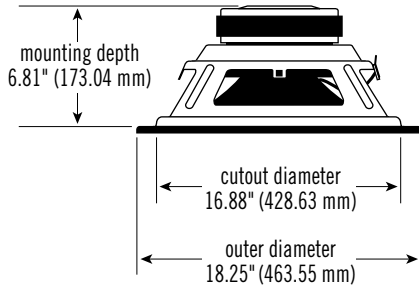


SPECIFICATIONS

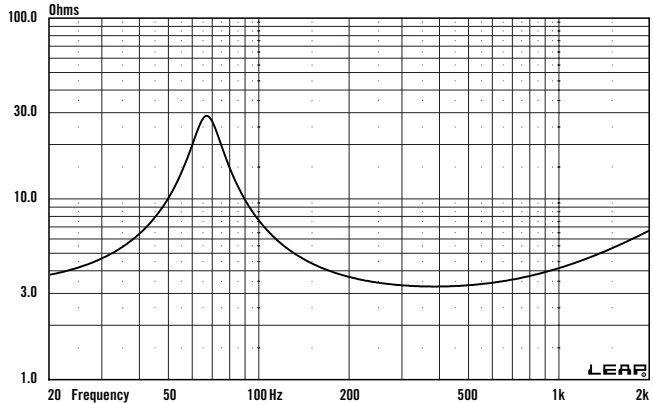
DIAMETER:	18" (0.71 MM)
SENSITIVITY (2.83 V @ 1 M):	95 dB
POWER HANDLING:	600 W _{RMS}
FREQUENCY RESPONSE:	20 ~ 300 Hz
NOMINAL IMPEDANCE:	4 OHMS
VOICE-COIL DIAMETER:	4.0" (102 MM)
DIMENSIONS:	



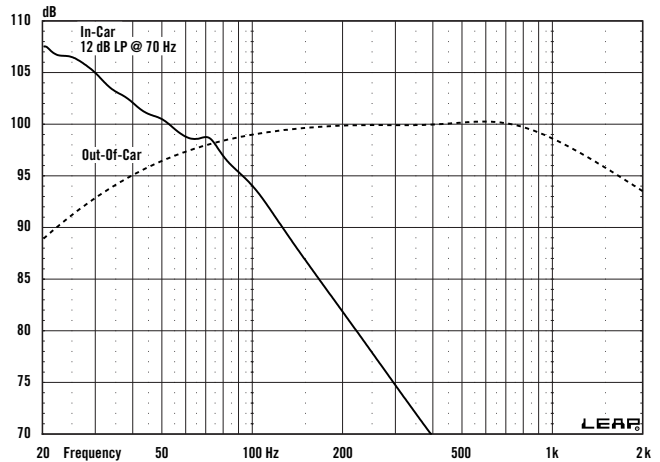
THIELE-SMALL PARAMETERS

VOICE COIL DC RESISTANCE:	R_{EVC} (OHMS)	2.50
VOICE COIL INDUCTANCE @ 1 KHZ:	L_{EVC} (MH)	0.98
DRIVER RADIATING AREA:	S_D (IN ²)	195.99
	S_D (CM ²)	1270.00
MOTOR FORCE FACTOR:	BL (TM)	13.51
COMPLIANCE VOLUME:	V_{AS} (FT ³)	15.37
	V_{AS} (LITERS)	362.61
SUSPENSION COMPLIANCE:	C_{MS} (µM/N)	158.32
MOVING MASS, AIR LOAD:	M_{MS} (GRAMS)	177.77
MOVING MASS, DIAPHRAGM:	M_{MD} (GRAMS)	151.75
FREE-AIR RESONANCE:	F_S (HZ)	30.00
MECHANICAL Q:	Q_{MS}	6.77
ELECTRICAL Q:	Q_{ES}	0.46
TOTAL Q:	Q_{TS}	0.43
MAGNETIC-GAP HEIGHT:	H_{AG} (IN)	0.32
	H_{AG} (MM)	8.13
VOICE-COIL HEIGHT:	H_{VC} (IN)	0.75
	H_{VC} (MM)	19.05
MAXIMUM EXCURSION:	X_{MAX} (IN)	0.22
	X_{MAX} (MM)	5.46

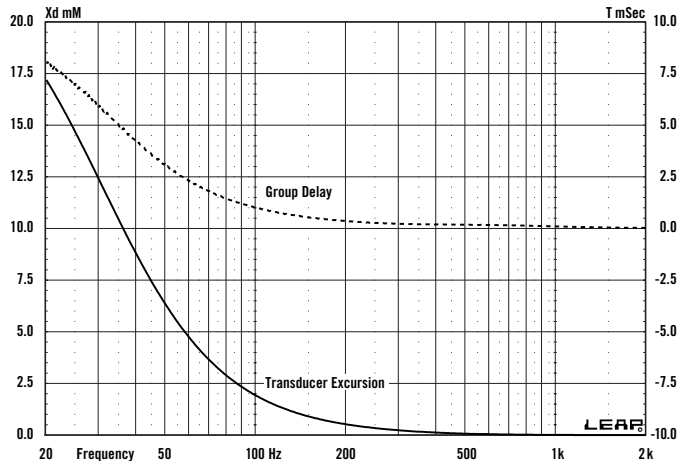
IMPEDANCE CURVE



INFINITE Baffle FREQUENCY RESPONSE @ 2.83 V



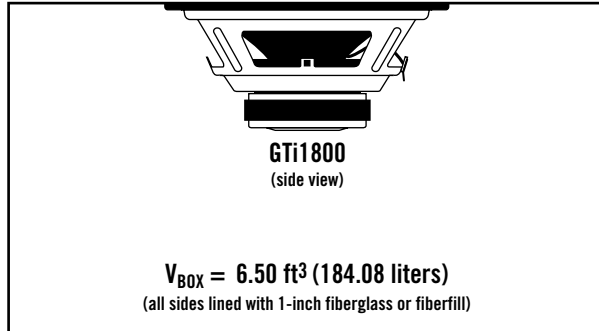
INFINITE Baffle EXCURSION/GROUP DELAY @ 150 W



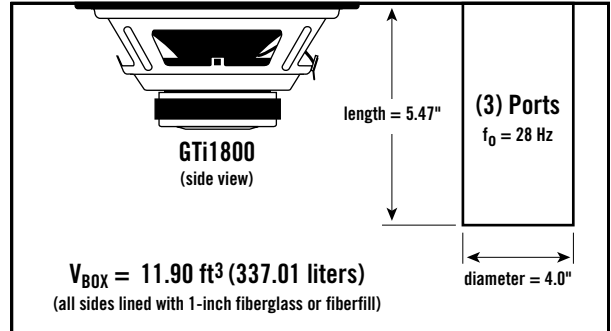


1800GTi18" Woofer – Technical Data

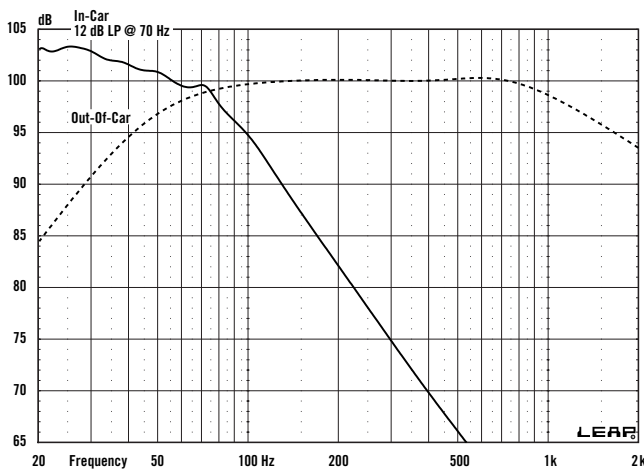
SEALED BOX VOLUME



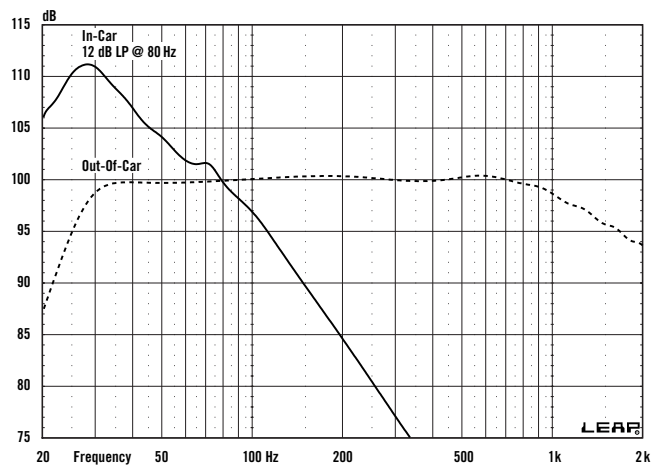
VENTED BOX VOLUME



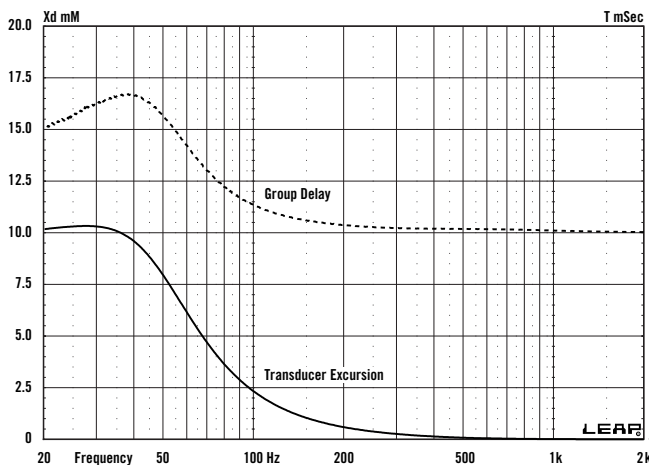
SEALED FREQUENCY RESPONSE @ 2.83 V



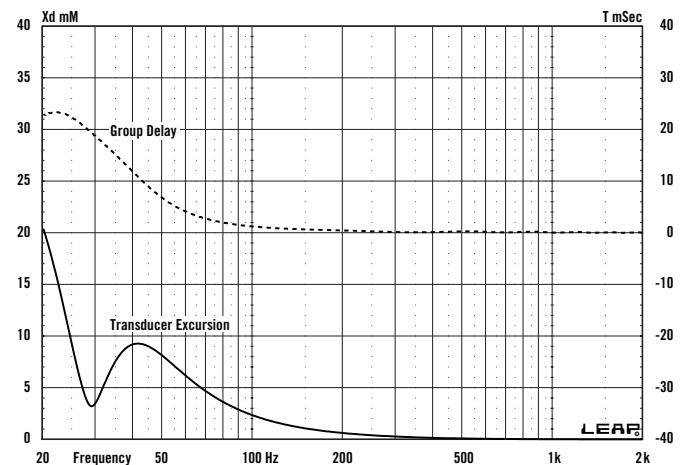
VENTED FREQUENCY RESPONSE @ 2.83 V



SEALED EXCURSION/GROUP DELAY @ 600 W



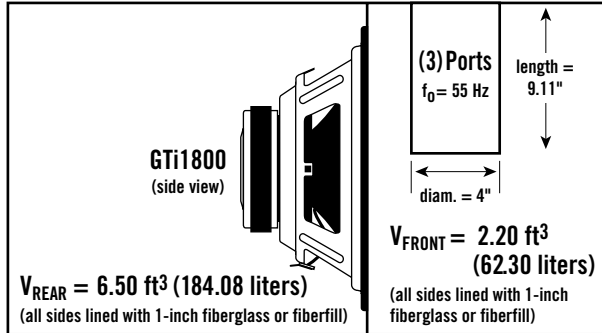
VENTED EXCURSION/GROUP DELAY @ 600 W





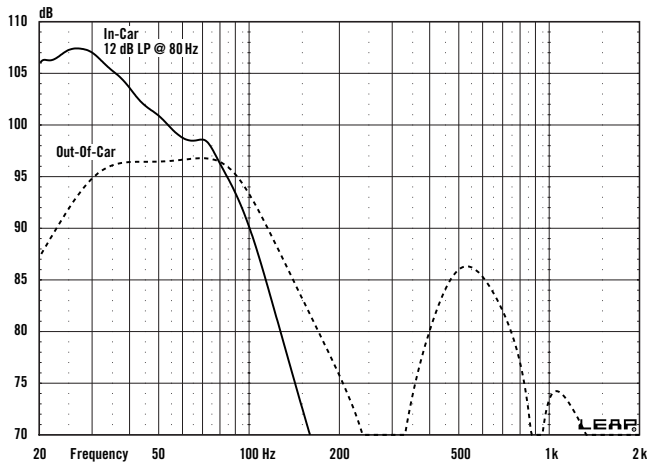
1800GTi18" Woofer – Technical Data

SEALED BANDPASS BOX VOLUME



NOTES

SEALED BANDPASS FREQUENCY RESPONSE @ 2.83 V



SEALED BANDPASS EXCURSION/GROUP DELAY @ 600 W

