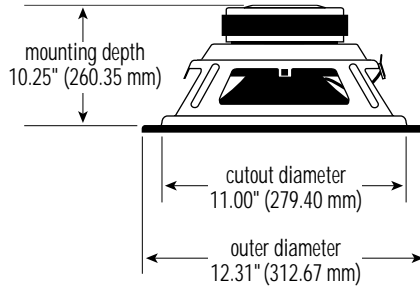


SPECIFICATIONS

DIAMETER:	12" (304.8 mm)
SENSITIVITY (2.83 V @ 1 m):	91 dB
POWER HANDLING:	700 W _{RMS} , 4,000 W _{PK}
FREQUENCY RESPONSE:	18 Hz ~ 1 kHz
NOMINAL IMPEDANCE:	6 OHMS (PER COIL)
VOICE-COIL DIAMETER:	3.0" (76.2 mm)
BASKET DISPLACEMENT:	0.12 FT ³ (3.40 LITERS)
DIMENSIONS:	

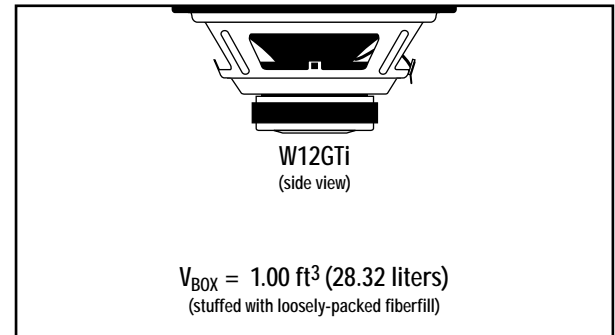


THIELE-SMALL PARAMETERS

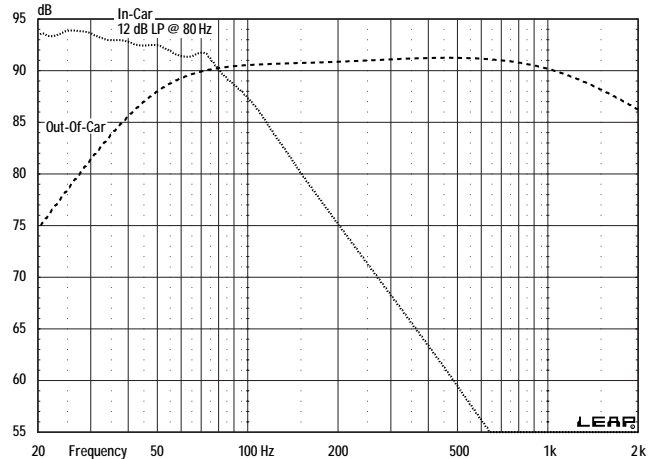
VOICE COIL DC RESISTANCE:	R _{EVC} (OHMS)* 3.20
VOICE COIL INDUCTANCE @ 1 kHz:	L _{EVC} (MH)* 0.75
DRIVER RADIATING AREA:	S _D (FT ²) 0.516
	S _D (M ²) 0.048
MOTOR FORCE FACTOR:	BL (TM)* 14.64
COMPLIANCE VOLUME:	V _{AS} (FT ³) 1.58
	V _{AS} (LITERS) 44.75
SUSPENSION COMPLIANCE:	C _{MS} (µM/N) 135.28
MOVING MASS, AIR LOAD:	M _{MS} (GRAMS) 184.80
MOVING MASS, DIAPHRAGM:	M _{MD} (GRAMS) 178.72
FREE-AIR RESONANCE:	F _S (Hz) 31.83
MECHANICAL Q:	Q _{MS} 6.68
ELECTRICAL Q:	Q _{ES} 0.55
TOTAL Q:	Q _{TS} 0.51
MAGNETIC-GAP HEIGHT:	H _{AG} (IN) 1.00
	H _{AG} (MM) 25.40
VOICE-COIL HEIGHT:	H _{VC} (IN) 2.60
	H _{VC} (MM) 66.04
MAXIMUM EXCURSION:	X _{MAX} (IN) 0.80
(ONE-WAY LINEAR)	X _{MAX} (MM) 20.32

*VOICE COILS CONNECTED IN PARALLEL

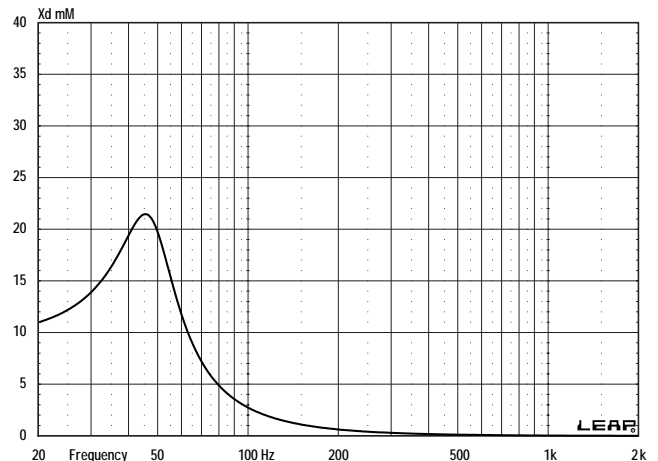
SEALED BOX VOLUME (INCLUDES DRIVER DISPLACEMENT)



SEALED FREQUENCY RESPONSE @ 2.83 V



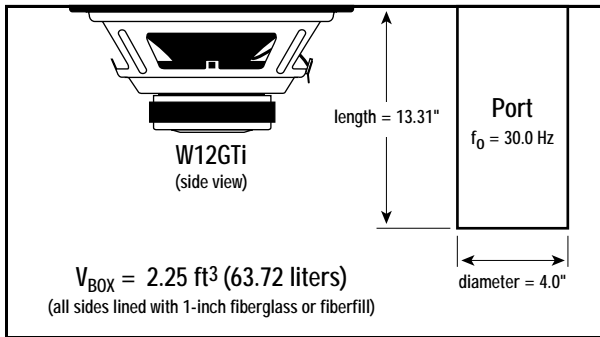
SEALED TRANSDUCER EXCURSION @ 2600 W



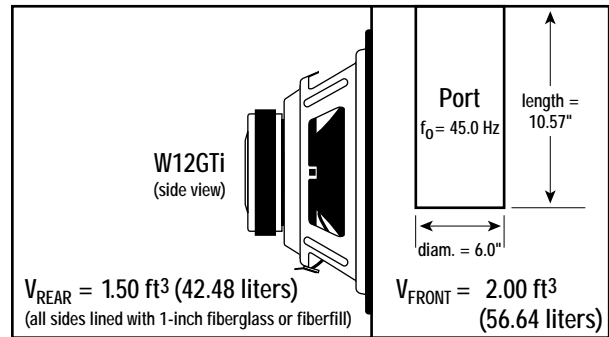


W12GTi 12" Woofer – Technical Data

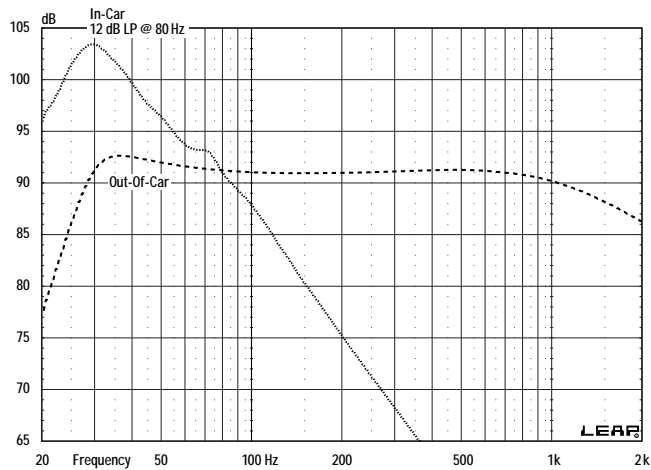
VENTED BOX VOLUME (INCLUDES DRIVER/PORT DISPLACEMENTS)



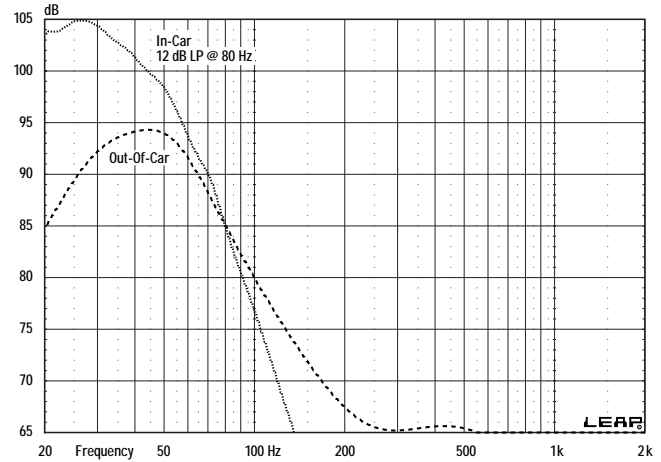
SEALED BANDPASS BOX VOLUME (INCLUDES DRIVER/PORT DISPLACEMENTS)



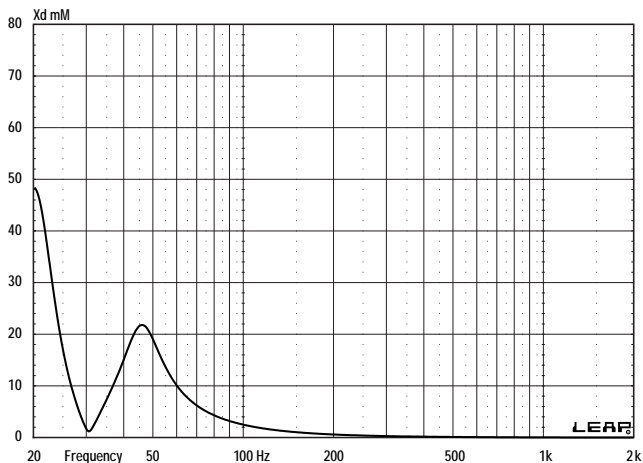
VENTED FREQUENCY RESPONSE @ 2.83 V



SEALED BANDPASS FREQUENCY RESPONSE @ 2.83 V



VENTED TRANSDUCER EXCURSION @ 3000 W



SEALED BANDPASS TRANSDUCER EXCURSION @ 2100 W

