

REFERENCE 1200s 12" WOOFER – TECHNICAL DATA

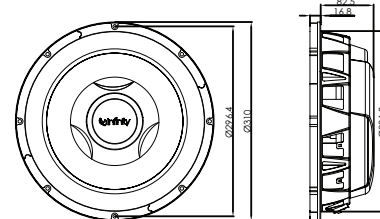


THIELE-SMALL PARAMETERS

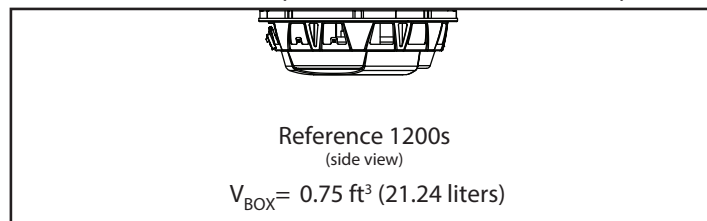
	2Ω	4Ω
VOICE-COIL DC RESISTANCE:	R_{EVC} (OHMS) 1.84 4.16	
VOICE-COIL INDUCTANCE @ 1kHz:	L_{EVC} (MH) 0.65 0.71	
DRIVER RADIATING AREA:	S_D (IN ²) 77.92 77.92	
	S_D (CM ²) 502.73 502.73	
MOTOR FORCE FACTOR:	BL (TM) 9.02 12.87	
	V_{AS} (FT ³) 3.44 3.45	
COMPLIANCE VOLUME:	V_{AS} (LITERS) 97.43 97.56	
	C_{MS} (μM/N) 274.00 275.00	
MOVING MASS, AIR LOAD:	M_{MS} (GRAMS) 177.46 177.02	
FREE-AIR RESONANCE:	F_S (Hz) 22.80 22.82	
MECHANICAL Q:	Q_{MS} 6.24 3.57	
ELECTRICAL Q:	Q_{ES} 0.57 0.64	
TOTAL Q:	Q_{TS} 0.53 0.54	
MAGNETIC-GAP HEIGHT:	H_{AG} (IN) 0.31 0.31	
	H_{AG} (MM) 8.00 8.00	
VOICE-COIL HEIGHT:	H_{VC} (IN) 0.92 0.92	
	H_{VC} (MM) 23.30 23.30	
MAXIMUM EXCURSION:	X_{MAX} (IN) 0.30 0.30	
	X_{MAX} (MM) 7.65 7.65	

SPECIFICATIONS

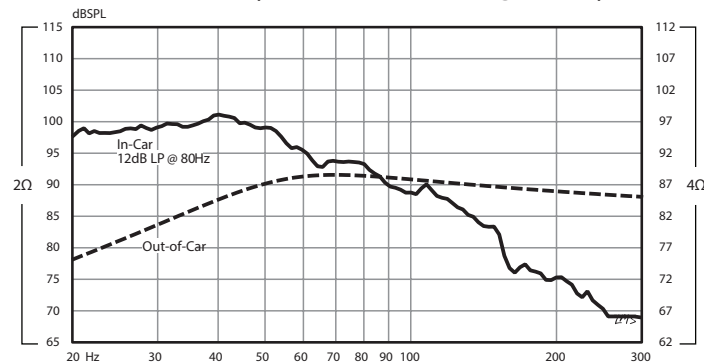
DIAMETER:	12" (305MM)
SENSITIVITY (2.83V @ 1m):	92dB
POWER HANDLING:	250W _{RMS} (1000W _{PEAK})
FREQUENCY RESPONSE:	27Hz ~ 175Hz
NOMINAL IMPEDANCE:	2 OR 4 OHMS
VOICE-COIL DIAMETER:	2" (51MM)
DIMENSIONS:	



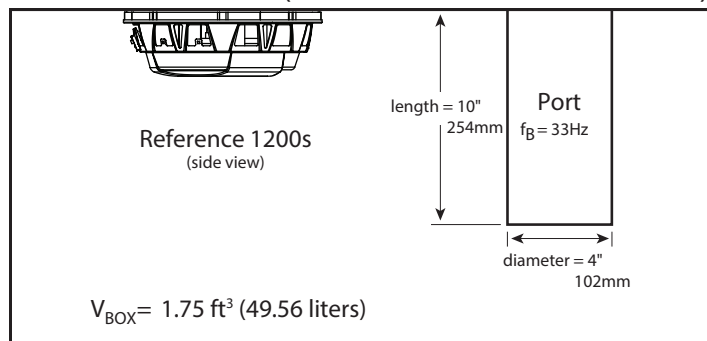
SEALED-BOX VOLUME (INCLUDES DRIVER DISPLACEMENT)



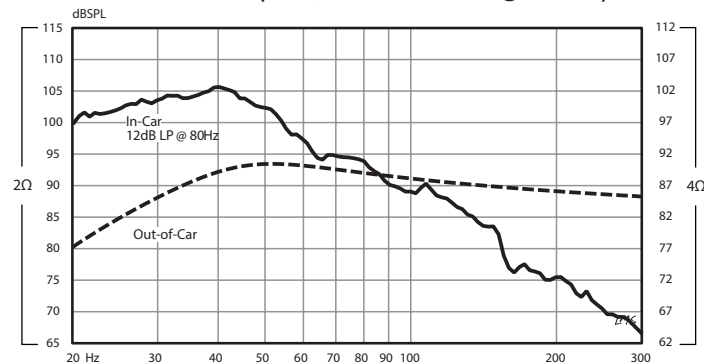
SEALED ENCLOSURE (FREQUENCY RESPONSE @ 2.83V)



VENTED-BOX VOLUME (INCLUDES DRIVER/PORT DISPLACEMENTS)



VENTED ENCLOSURE (FREQUENCY RESPONSE @ 2.83V)



BAND-PASS-BOX VOLUME (INCLUDES DRIVER/PORT DISPLACEMENTS) BAND-PASS ENCLOSURE (FREQUENCY RESPONSE @ 2.83V)

