



TECHNICAL SPECIFICATIONS

PRODUCT NAME	T210D2	T210D4
NOMINAL DIAMETER	10" [254]	10" [254]
MAGNET WEIGHT	153 oz (4337 g)	153 oz (4337 g)
FREQUENCY RANGE	33 Hz-250 Hz	35 Hz-250 Hz
VOICE COIL DIAMETER	3.00" [76]	3.00" [76]
VOICE COIL WINDING WIDTH	1.70" [43]	1.80" [46]
VOICE COIL FORMER MATERIAL	ALUMINUM	ALUMINUM
NOMINAL IMPEDANCE	(2) 2 Ohms	(2) 4 Ohms
DC RESISTANCE (Re)	3.2 Ohms	6.4 Ohms
VOICE COIL INDUCTANCE	2.3 mH	2.8 mH
RESONANCE FREQUENCY (Fs)	33 Hz	35 Hz
MECHANICAL Q FACTOR (Qms)	5.73	5.17
ELECTRICAL Q FACTOR (Qes)	0.60	0.67
TOTAL Q FACTOR (Qts)	0.54	0.60
COMPLIANCE (Cms)	1.15E-04 m/N	1.15E-04 m/N
EQUIVALENT AIR VOLUME (Vas)	0.487 FT^3 (13.8 LITERS)	0.487 FT^3 (13.8 LITERS)
MOVING MASS (Mms)	6.98 oz (197.8 g)	6.34 oz (179.8 g)
MECH. RESIST. LOSSES (Rms)	7.24 kg/s	7.65 kg/s
SENSITIVITY (SPL) W/M	81 dB	81 dB
FORCE FACTOR (BL)	14.8 T-m	19.4 T-m
EFFECTIVE CONE AREA (SD)	45 in^2 (0.029 m^2)	45 in^2 (0.029 m^2)
LINEAR EXCURSION (X-MAX)	0.55" [14]	0.55" [14]
OPERATING POWER (PE)	800 W RMS/1600 W PEAK	800 W RMS/1600 W PEAK
EFF. BANDWIDTH PROD. (EBP)	55	52
MOTOR CONSTANT (Krm)	31.92 mOhms	30.53 mOhms
MOTOR CONSTANT (Erm)	0.657	0.685
MOTOR CONSTANT (Kxm)	176.18 mH	205.62 mH
MOTOR CONSTANT (Exm)	0.506	0.510
MOTOR IMPEDANCE (Rem)	9.99 Ohms	12.20 Ohms

THIELE-SMALL MEASUREMENTS MADE WITH VOICE COILS IN SERIES.

SPECIFICATIONS MAY VARY PER MANUFACTURING TOLERANCES AND ARE SUBJECT TO IMPROVEMENT WITHOUT NOTICE.

DESCRIPTION: 10 INCH POWER STAGE 2 WOOFER		RELEASE & DATE: #1 (5-11-04)	
ENGINEER:	DATE: 5-11-04	SCALE: 1:3	CREATED IN SOLIDWORKS
DOC CON:	SHEET: 1 OF 1	UNITS: INCHES [MILLIMETERS]	ROCKFORD ACOUSTIC DESIGNS
			3056 WALKER RIDGE DRIVE SUITE G WALKER, MI 49544