



TECHNICAL SPECIFICATIONS

	T115D2	T115D4
PRODUCT NAME	T115D2	T115D4
NOMINAL DIAMETER	15" [381]	15" [381]
MAGNET WEIGHT	220 oz (6237 g)	220 oz (6237 g)
FREQUENCY RANGE	26 Hz-250 Hz	27 Hz-250 Hz
VOICE COIL DIAMETER	3.00" [76]	3.00" [76]
VOICE COIL WINDING WIDTH	1.56" [40]	1.56" [40]
VOICE COIL FORMER MATERIAL	ALUMINUM	ALUMINUM
NOMINAL IMPEDANCE	(2) 2 Ohms	(2) 4 Ohms
DC RESISTANCE (Re)	3.1 Ohms	6.2 Ohms
VOICE COIL INDUCTANCE	4.2 mH	6.0 mH
RESONANCE FREQUENCY (Fs)	26 Hz	27 Hz
MECHANICAL Q FACTOR (Qms)	6.74	6.05
ELECTRICAL Q FACTOR (Qes)	0.46	0.56
TOTAL Q FACTOR (Qts)	0.43	0.51
COMPLIANCE (Cms)	1.00E-04 m/N	1.00E-04 m/N
EQUIVALENT AIR VOLUME (Vas)	3.147 FT ³ (89.1 LITERS)	3.147 FT ³ (89.1 LITERS)
MOVING MASS (Mms)	13.01 oz (368.8 g)	12.16 oz (344.8 g)
MECH. RESIST. LOSSES (Rms)	9.01 kg/s	9.70 kg/s
SENSITIVITY (SPL) W/M	88 dB	88 dB
FORCE FACTOR (BL)	20.3 T-m	25.5 T-m
EFFECTIVE CONE AREA (SD)	122.5 in ² (0.079 m ²)	122.5 in ² (0.079 m ²)
LINEAR EXCURSION (X-MAX)	0.55" [14]	0.55" [14]
OPERATING POWER (PE)	600 W RMS/1200 W PEAK	600 W RMS/1200 W PEAK
EFF. BANDWIDTH PROD. (EBP)	57	48
MOTOR CONSTANT (Krm)	23.39 mOhms	23.70 mOhms
MOTOR CONSTANT (Erm)	0.760	0.809
MOTOR CONSTANT (Kxm)	108.47 mH	179.56 mH
MOTOR CONSTANT (Exm)	0.628	0.612
MOTOR IMPEDANCE (Rem)	18.02 Ohms	28.02 Ohms

THIELE-SMALL MEASUREMENTS MADE WITH VOICE COILS IN SERIES.

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

DESCRIPTION:		15 INCH POWER STAGE 1 WOOFER		RELEASE & DATE:	#1 (5-11-04)
ENGINEER:	DATE:	SCALE:		CREATED IN SOLIDWORKS	
	5-11-04	1:4		ROCKFORD ACOUSTIC DESIGNS	
DOC CON:	SHEET:	UNITS:		3056 WALKER RIDGE DRIVE	
	1 OF 1	INCHES [MILLIMETERS]		SUITE G	
				WALKER, MI 49544	