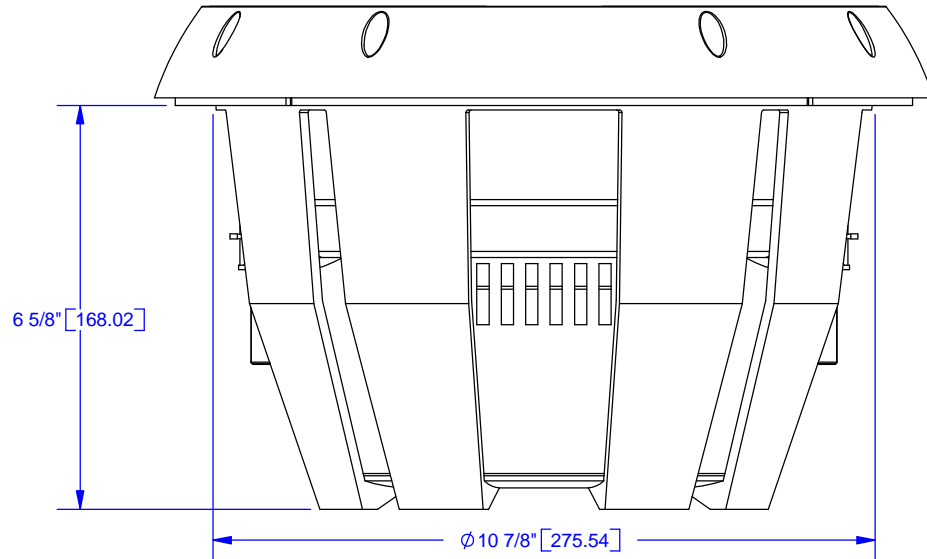


$\phi 11\ 3/4'' [298.20]$ MOUNTING HOLE DIAMETER



TECHNICAL SPECIFICATIONS

PRODUCT NAME	T112D2	T112D4
NOMINAL DIAMETER	12" [305]	12" [305]
MAGNET WEIGHT	124 oz (3515 g)	124 oz (3515 g)
FREQUENCY RANGE	31 Hz-250 Hz	33 Hz-250 Hz
VOICE COIL DIAMETER	3.00" [72.2]	3.00" [72.2]
VOICE COIL WINDING WIDTH	1.465" [37]	1.465" [37]
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	2.8 mH	4.2 mH
RESONANCE FREQUENCY (Fs)	31 Hz	33 Hz
MECHANICAL Q FACTOR (Qms)	4.46	4.46
ELECTRICAL Q FACTOR (Qes)	0.53	0.63
TOTAL Q FACTOR (Qts)	0.47	0.55
COMPLIANCE (Cms)	1.15E-04 m/N	1.15E-04 m/N
EQUIVALENT AIR VOLUME (Vas)	1.229 FT ³ (34.8 LITERS)	1.229 FT ³ (34.8 LITERS)
MOVING MASS (Mms)	7.87 oz (223.2 g)	7.34 oz (208.1 g)
MECH. RESIST. LOSSES (Rms)	9.88 kg/s	9.54 kg/s
SENSITIVITY (SPL) W/M	86 dB	86 dB
FORCE FACTOR (BL)	16.1 T-m	20.5 T-m
EFFECTIVE CONE AREA (SD)	71 in ² (0.046 m ²)	71 in ² (0.046 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)	58	52
MOTOR CONSTANT (K _{rm})	47.29 mOhms	73.01 mOhms
MOTOR CONSTANT (E _{rm})	0.641	0.650
MOTOR CONSTANT (K _{xm})	92.00 mH	208.84 mH
MOTOR CONSTANT (E _{xm})	0.601	0.553
MOTOR IMPEDANCE (R _{em})	12.86 Ohms	21.49 Ohms

THIELE-SMALL MEASUREMENTS MADE WITH VOICE COILS IN SERIES.

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

DESCRIPTION:		12 INCH POWER STAGE 1 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