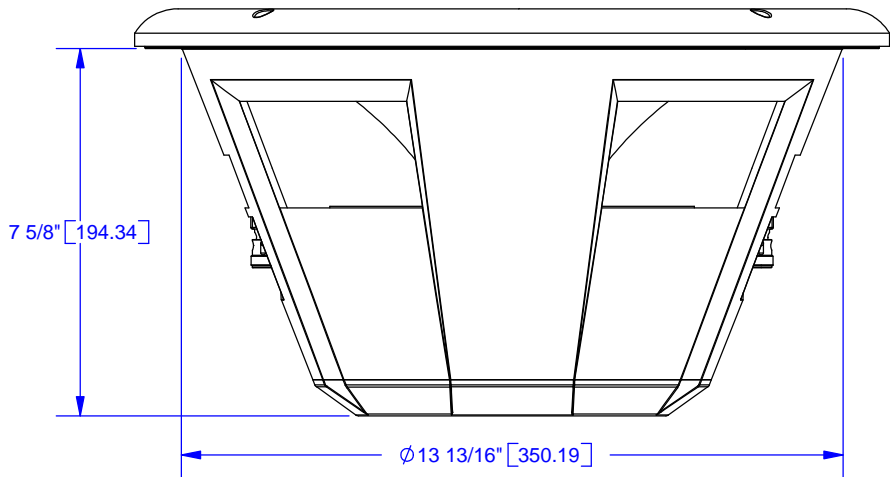


$\phi 14 \frac{5}{8}$ [371.86] MOUNTING HOLE DIAMETER




TECHNICAL SPECIFICATIONS

PRODUCT NAME	P315D2	P315D4
NOMINAL DIAMETER	15" [381]	15" [381]
MAGNET WEIGHT	102 oz (2892 g)	102 oz (2892 g)
FREQUENCY RANGE	21 Hz-250 Hz	22 Hz-250 Hz
VOICE COIL DIAMETER	2.5" [64]	2.5" [64]
VOICE COIL WINDING WIDTH	1.43" [36]	1.43" [36]
VOICE COIL FORMER MATERIAL	ALUMINUM	ALUMINUM
NOMINAL IMPEDANCE	(2) 2 Ohms	(2) 4 Ohms
DC RESISTANCE (Re)	3.4 Ohms	6.8 Ohms
VOICE COIL INDUCTANCE	3.5 mH	5.9 mH
RESONANCE FREQUENCY (Fs)	21 Hz	22 Hz
MECHANICAL Q FACTOR (Qms)	6.91	5.15
ELECTRICAL Q FACTOR (Qes)	0.63	0.70
TOTAL Q FACTOR (Qts)	0.58	0.61
COMPLIANCE (Cms)	1.6E-04 m/N	1.6E-04 m/N
EQUIVALENT AIR VOLUME (Vas)	4.981 FT ³ (141 LITERS)	4.981 FT ³ (141 LITERS)
MOVING MASS (Mms)	11.82 oz (335 g)	10.38 oz (294.3 g)
MECH. RESIST. LOSSES (Rms)	6.76 kg/s	8.68 kg/s
SENSITIVITY (SPL) W/M	88 dB	88 dB
FORCE FACTOR (BL)	15.6 T-m	20.8 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)	0.47" [12]	0.47" [12]
OPERATING POWER (PE)	500 W RMS/1000 W PEAK	500 W RMS/1000 W PEAK
EFF. BANDWIDTH PROD. (EBP)	33	31
MOTOR CONSTANT (K _{rm})	69.85 mOhms	130.71 mOhms
MOTOR CONSTANT (E _{rm})	0.631	0.590
MOTOR CONSTANT (K _{xm})	130.71 mH	184.60 mH
MOTOR CONSTANT (E _{xm})	0.585	0.515
MOTOR IMPEDANCE (R _{em})	17.44 Ohms	23.83 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 PUNCH STAGE 3 WOOFER		RELEASE & DATE:	#1 (4-22-04)
ENGINEER:	DATE:	4-22-04	SCALE:	1:4	
DOC CON:	SHEET:	1 OF 1	UNITS:	INCHES [MILLIMETERS]	
				CREATED IN SOLIDWORKS ROCKFORD ACOUSTIC DESIGNS  3056 WALKER RIDGE DRIVE SUITE G WALKER, MI 49544	