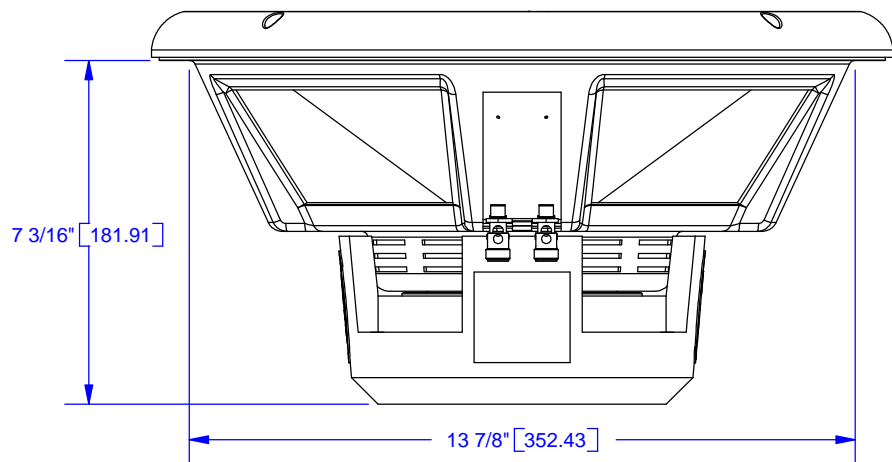


$\phi 14 \frac{5}{8}" [371.86]$ MOUNTING HOLE DIAMETER



TECHNICAL SPECIFICATIONS

PRODUCT NAME	P115S4	P115S8
NOMINAL DIAMETER	15" [381]	15" [381]
MAGNET WEIGHT	44 oz (1247 g)	44 oz (1247 g)
FREQUENCY RANGE	24 Hz-250 Hz	25 Hz-250 Hz
VOICE COIL DIAMETER	2" [51]	2" [51]
VOICE COIL WINDING WIDTH	0.98" [25]	0.98" [25]
VOICE COIL FORMER MATERIAL	ALUMINUM	ALUMINUM
NOMINAL IMPEDANCE	4 Ohms	8 Ohms
DC RESISTANCE (Re)	3.6 Ohms	7.2 Ohms
VOICE COIL INDUCTANCE	2.6 mH	3.9 mH
RESONANCE FREQUENCY (Fs)	24 Hz	25 Hz
MECHANICAL Q FACTOR (Qms)	7.54	7.19
ELECTRICAL Q FACTOR (Qes)	0.67	0.73
TOTAL Q FACTOR (Qts)	0.62	0.66
COMPLIANCE (Cms)	1.63E-04 m/N	1.63E-04 m/N
EQUIVALENT AIR VOLUME (Vas)	6.08 FT ³ (172 LITERS)	6.08 FT ³ (172 LITERS)
MOVING MASS (Mms)	9.21 oz (261.2 g)	9.60 oz (272.2 g)
MECH. RESIST. LOSSES (Rms)	5.31 kg/s	5.45 kg/s
SENSITIVITY (SPL) W/M	87 dB	87 dB
FORCE FACTOR (BL)	14.8 T-m	19.6 T-m
EFFECTIVE CONE AREA (SD)	133 in ² (0.086 m ²)	133 in ² (0.086 m ²)
LINEAR EXCURSION (X-MAX)	0.32" [8]	0.32" [8]
OPERATING POWER (PE)	200 W RMS/400 W PEAK	200 W RMS/400 W PEAK
EFF. BANDWIDTH PROD. (EBP)	36	34
MOTOR CONSTANT (K _{rm})	19.57 mOhms	25.98 mOhms
MOTOR CONSTANT (E _{rm})	0.712	0.732
MOTOR CONSTANT (K _{xm})	108.06 mH	170.59 mH
MOTOR CONSTANT (E _{xm})	0.574	0.568
MOTOR IMPEDANCE (R _{em})	9.94 Ohms	15.70 Ohms

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

DESCRIPTION: 15 INCH PUNCH STAGE 1 WOOFER			RELEASE & DATE: #1 (4-22-04)
ENGINEER:	DATE: 4-22-04	SCALE: 1:4	CREATED IN SOLIDWORKS ROCKFORD ACOUSTIC DESIGNS 3056 WALKER RIDGE DRIVE SUITE G WALKER, MI 49544
DOC CON:	SHEET: 1 OF 1	UNITS: INCHES [MILLIMETERS]	