



TECHNICAL SPECIFICATIONS

PRODUCT NAME	P212S4	P212S8
NOMINAL DIAMETER	12" [305]	12" [305]
MAGNET WEIGHT	58 oz (1615 g)	58 oz (1615 g)
FREQUENCY RANGE	27 Hz-250 Hz	28 Hz-250 Hz
VOICE COIL DIAMETER	2" [51]	2" [51]
VOICE COIL WINDING WIDTH	1.23" [31]	1.23" [31]
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	4.1 mH
RESONANCE FREQUENCY (Fs)	27 Hz	28 Hz
MECHANICAL Q FACTOR (Qms)	7.55	6.83
ELECTRICAL Q FACTOR (Qes)	0.58	0.64
TOTAL Q FACTOR (Qts)	0.53	0.58
COMPLIANCE (Cms)	2.17E-04 m/N	2.17E-04 m/N
EQUIVALENT AIR VOLUME (Vas)	2.847 FT ³ (80.6 LITERS)	2.847 FT ³ (80.6 LITERS)
MOVING MASS (Mms)	5.41 oz (153.3 g)	5.17 oz (146.6 g)
MECH. RESIST. LOSSES (Rms)	3.51 kg/s	3.81 kg/s
SENSITIVITY (SPL) W/M	87 dB	87 dB
FORCE FACTOR (BL)	12.9 T-m	17.1 T-m
EFFECTIVE CONE AREA (SD)	79 in ² (0.051 m ²)	79 in ² (0.051 m ²)
LINEAR EXCURSION (X-MAX)	0.43" [11]	0.43" [11]
OPERATING POWER (PE)	200 W RMS/400 W PEAK	200 W RMS/400 W PEAK
EFF. BANDWIDTH PROD. (EBP)	47	44
MOTOR CONSTANT (K _{rm})	22.52 mOhms	34.45 mOhms
MOTOR CONSTANT (E _{rm})	0.702	0.716
MOTOR CONSTANT (K _{xm})	94.85 mH	190.58 mH
MOTOR CONSTANT (E _{xm})	0.587	0.560
MOTOR IMPEDANCE (R _{em})	10.41 Ohms	17.88 Ohms

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

DESCRIPTION:		12 INCH PUNCH STAGE 2 WOOFER		RELEASE & DATE:	#1 (4-22-04)
ENGINEER:	DATE:	4-22-04	SCALE:	1:3	CREATED IN SOLIDWORKS
DOC CON:	SHEET:	1 OF 1	UNITS:	INCHES [MILLIMETERS]	ROCKFORD ACOUSTIC DESIGNS
				3056 WALKER RIDGE DRIVE	WALKER, MI 49544