



TECHNICAL SPECIFICATIONS

PRODUCT NAME	M10S4
NOMINAL DIAMETER	10" [254]
MAGNET WEIGHT	57 oz (1616 g)
FREQUENCY RANGE	35 Hz-250 Hz
VOICE COIL DIAMETER	2" [50.8]
VOICE COIL WINDING WIDTH	1.00" [25]
VOICE COIL FORMER MATERIAL	KAPTON
NOMINAL IMPEDANCE	4 Ohms
DC RESISTANCE (Re)	3.9 Ohms
VOICE COIL INDUCTANCE	3.7 mH
RESONANCE FREQUENCY (Fs)	40 Hz
MECHANICAL Q FACTOR (Qms)	1.62
ELECTRICAL Q FACTOR (Qes)	0.62
TOTAL Q FACTOR (Qts)	0.45
COMPLIANCE (Cms)	2.66E-04 m/N
EQUIVALENT AIR VOLUME (Vas)	1.770 FT ³ (50.1 LITERS)
MOVING MASS (Mms)	2.68 oz (76.0 g)
MECH. RESIST. LOSSES (Rms)	10.45 kg/s
SENSITIVITY (SPL) W/M	88 dB
FORCE FACTOR (BL)	11.1 T-m
EFFECTIVE CONE AREA (SD)	53 in ² (0.034 m ²)
LINEAR EXCURSION (X-MAX)	0.32" [8]
OPERATING POWER (PE)	200 W RMS/400 W PEAK
EFF. BANDWIDTH PROD. (EBP)	65
MOTOR CONSTANT (K _{rm})	12.74 mOhms
MOTOR CONSTANT (E _{rm})	0.804
MOTOR CONSTANT (K _{xm})	124.59 mH
MOTOR CONSTANT (E _{xm})	0.599
MOTOR IMPEDANCE (R _{em})	14.41 Ohms

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

DESCRIPTION: 10 INCH MARINE STAGE 1 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 SUITE G WALKER, MI 49544