

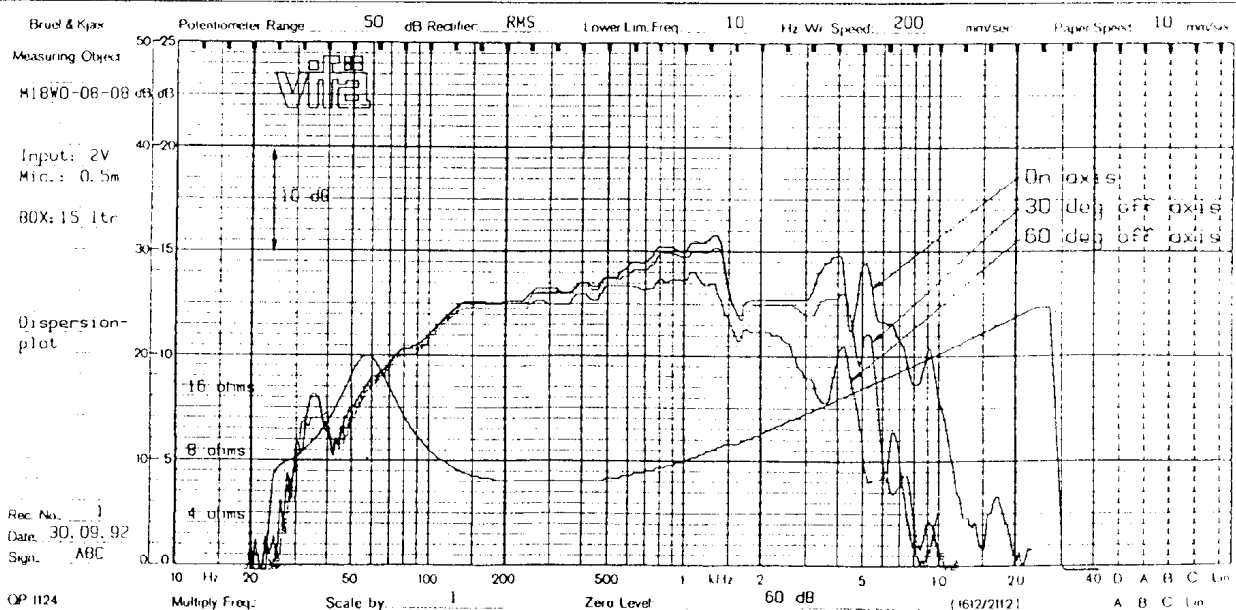
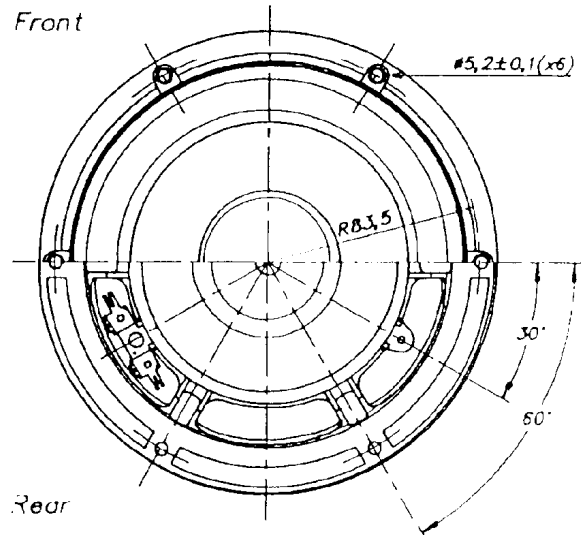
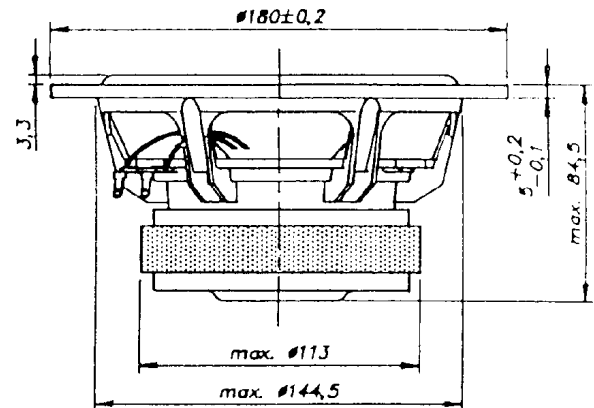
6 1/2" WOOFER

SPECIAL FEATURES:

- NEW LONG STROKE, LOW REFLEXION, MAGNESIUM BASKET
- STIFF AIRDRIED PAPER CONE
- LOW DAMPING RUBBER SURROUND
- LONG THROW MAGNET SYSTEM
- OPTIMIZED FOR BASS REFLEX

NOMINAL IMPEDANCE	8 Ω
NOMINAL POWER (IEC 268-5)	80 W
MUSIC POWER (DIN 45500)	100 W
FREQUENCY RANGE	33-1000 Hz
SENSITIVITY (1W, 1m)	86 dB
EFFECTIVE CONE AREA	132 cm ²
VOICE COIL RESISTANCE	5,5 Ω
VOICE COIL INDUCTANCE	0,95 mH
OPERATING POWER	10 W
VOICE COIL DIAMETER	40 mm
VOICE COIL HEIGHT	18 mm
AIR GAP HEIGHT	6 mm
FREE AIR RESONANCE	33 Hz
MOVING MASS (incl. air)	17 g
FORCE FACTOR, B x L	6,9 Txm
MAGNET WEIGHT	(24,6 oz) 698 g
Qms	2,03
Qes	0,41
Qts	0,34
Vas	34 ltr

M18WO-08-08



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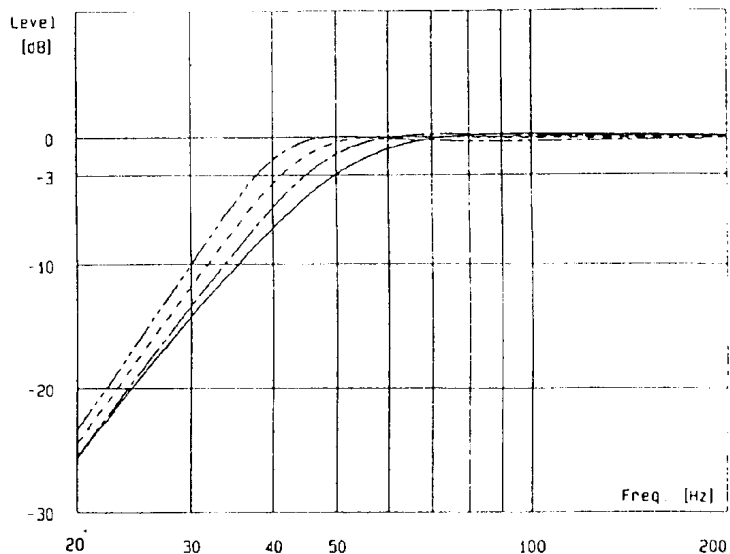
Applications

BASS REFLEX SYNTHESIS

Moderate Damping of Box
No Deliberate Damping of Port

	Vb (Ltrs)	Fb (Hz)	Dp (cm)	Lp (cm)
1 ———	15	44	5.0	16.5
2 ———	20	44	5.0	11.5
3 - - -	26	42	5.0	9.1
4 ·····	35	40	5.0	6.8

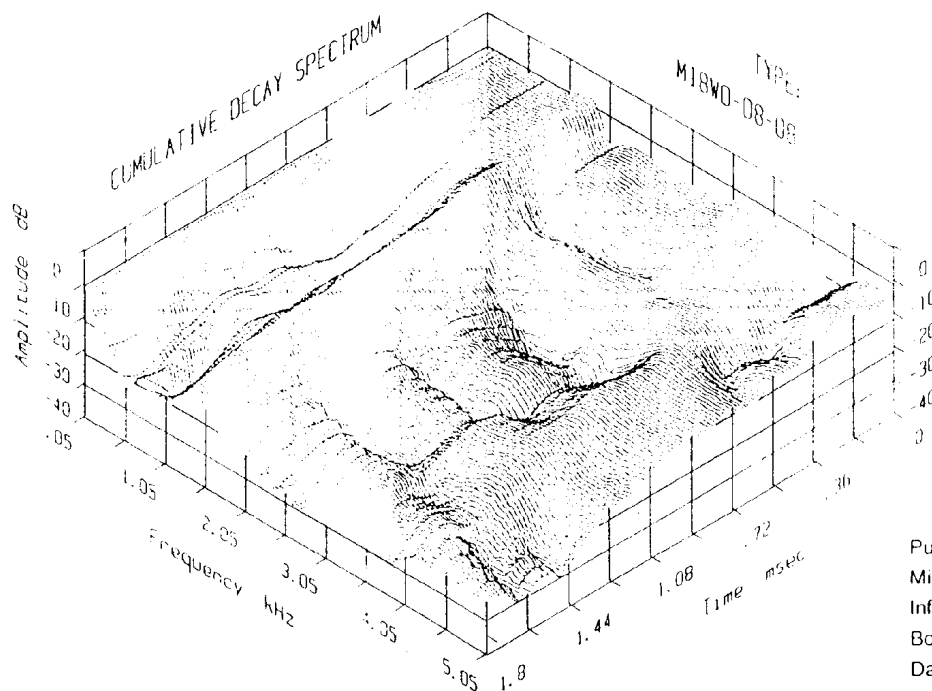
Vb: Box volume
Fb: Tuning Frequency
Dp: Port Diameter
Lp: Port Length



The M18WO-08-08 is designed for bass reflex enclosures of 15-35 litre.

The bass reflex synthesises are calculated with 0,5Ω series resistance.

The woofer is optimized for use in 3- or more-way systems, and recommended for use with cross over frequencies below 500 Hz.



Pulse: 25V/50μS
Mic.: 0,15 m
Infinity baffle
Box: 320 l
Date: 29.09.92
Sign.: ABC