

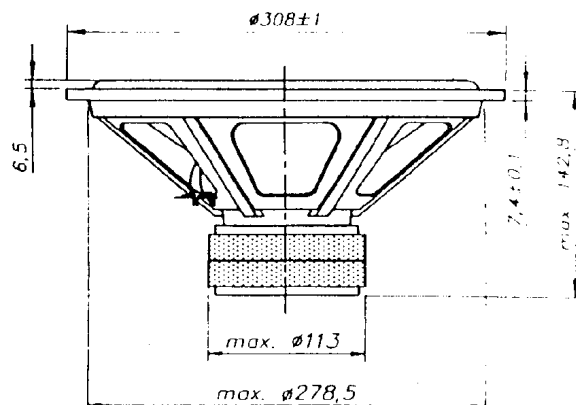
12" WOOFER

SPECIAL FEATURES:

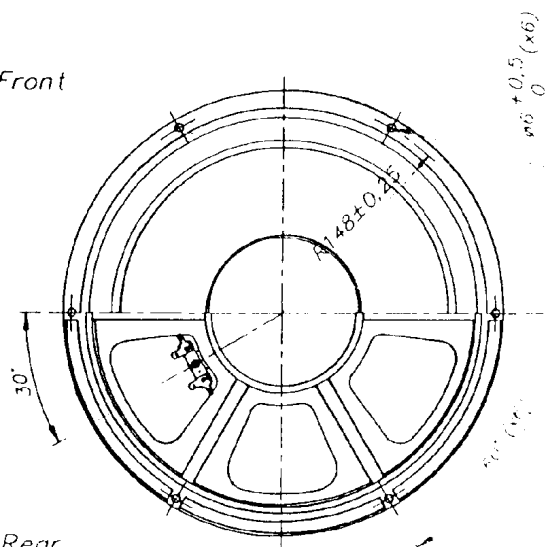
- MAGNESIUM BASKET
- COATED PAPER CONE
- RUBBER SURROUND
- DOUBLE MAGNET SYSTEM
- LOW DISTORTION
- IDEAL FOR BASS REFLEX

NOMINAL IMPEDANCE	8 Ω
NOMINAL POWER (IEC 268-5)	100 W
MUSIC POWER (DIN 45500)	150 W
FREQUENCY RANGE	21-1000 Hz
SENSITIVITY (1W, 1m)	93 dB
EFFECTIVE CONE AREA	513 cm ²
VOICE COIL RESISTANCE	5,7 Ω
VOICE COIL INDUCTANCE	2,1 mH
OPERATING POWER	2 W
VOICE COIL DIAMETER	40 mm
VOICE COIL HEIGHT	14 mm
AIR GAP HEIGHT	6 mm
FREE AIR RESONANCE	21 Hz
MOVING MASS (incl. air)	53 g
FORCE FACTOR, B x l	12,7 Txm
MAGNET WEIGHT (49,2 oz)	1396 g
Qms	2,3
Qes	0,25
Qts	0,23
Vas	400 ltr

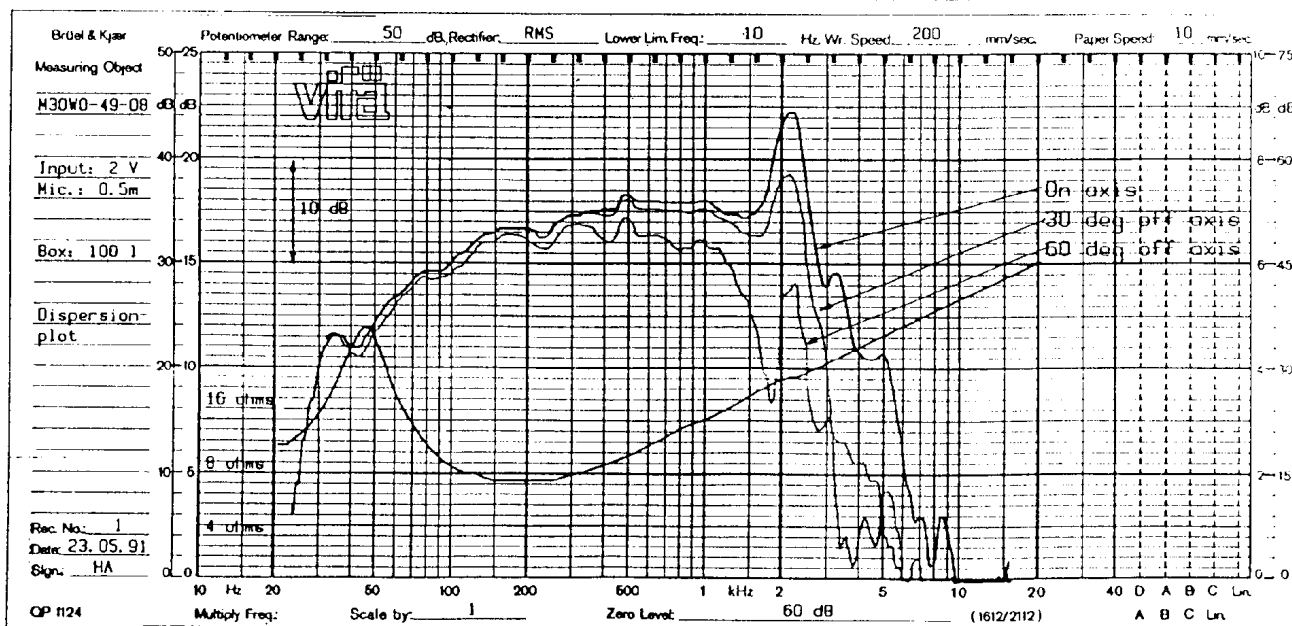
M30W0-49-08



Front



Rear



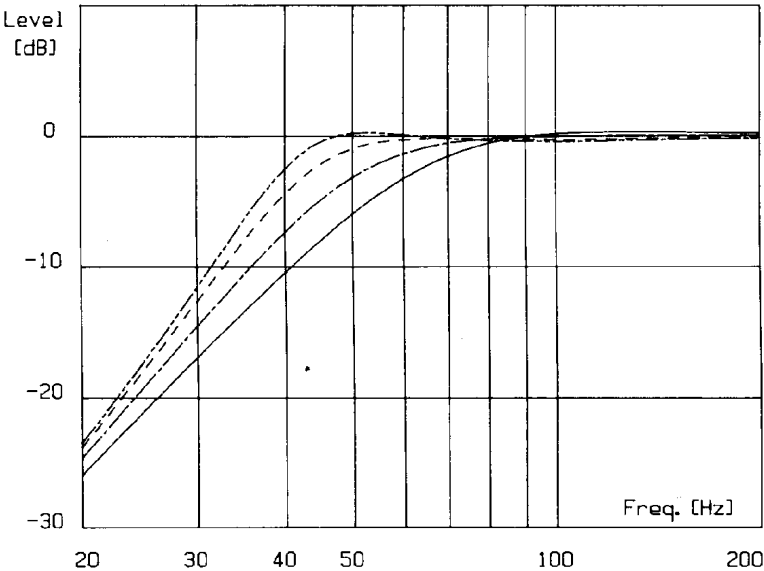
M30W0-49-08

Applications

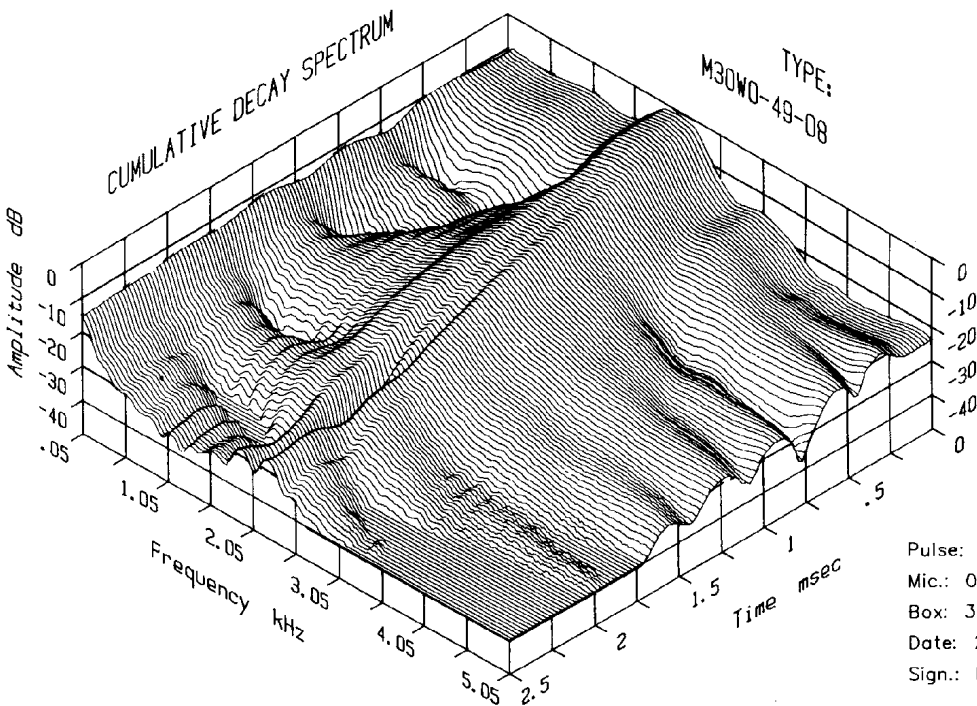
BASS REFLEX SYNTHESIS

	Vb [ltrs]	Fb [Hz]	Dp [cm]	Lp [cm]
1 ———	40	40	7.5	10.4
2 - - -	60	40	10.0	11.7
3 - - -	90	40	10.0	5.9
4 - - -	120	40	10.0	3.1

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



The M30W0-49-08 is intended for bass reflex enclosures of 40-120 litres. A response having a moderate peak is obtainable in the same volume by choosing a higher tuning frequency Fb while a lower Fb gives a damped response.



Pulse: 25V/50μS
Mic.: 0,25 m
Box: 320 l
Date: 27.05.91
Sign.: HA