JBL	ENGINEERING STANDARD	DATE EFFECTIVE 6/27/94	NUMBER 1677
	ENGINEERING DESIGN SPECIFICATION	DATE REVISED	PAGE 1 OF 5

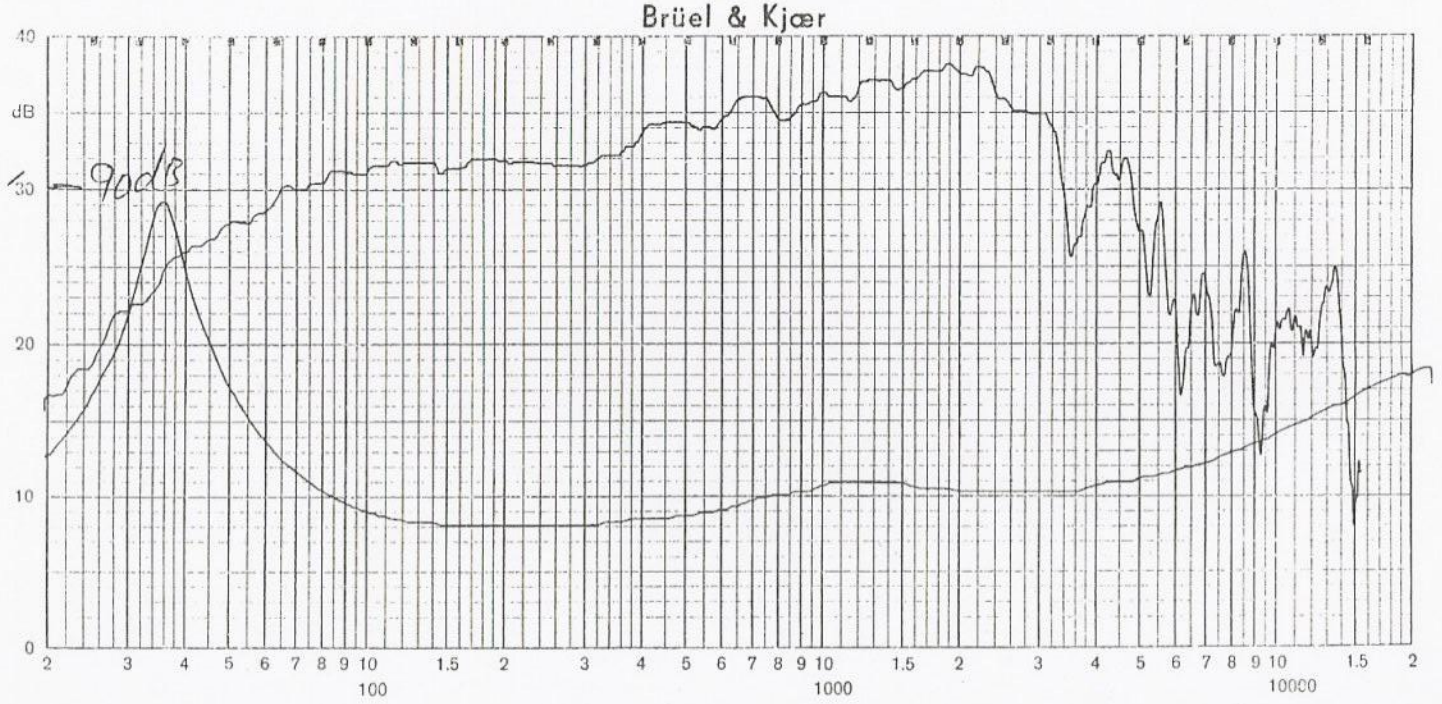
MODEL : ME120H

FREQUENCY RESPONSE :	SEE ATTACHED CURVE, PAGE 2
IMPEDANCE CURVE :	SEE ATTACHED CURVE, PAGE 2
HARMONIC DISTORTION :	SEE ATTACHED CURVE, PAGE 3
THIELE - SMALL PARAMETERS :	SEE PAGE 4
ENG. TEST SPECIFICATION.	SEE PAGE 5
VOICE COIL :	5.3 OHM, 23.5 AWG,.0092 X .030 MILLED ALUM.
FLUX DENSITY :	1.0 TESLA
MOTIONAL IMPEDANCE :	100 OHMS
MINIMUM IMPEDANCE :	7.25 OHMS
POLARITY :	POSITIVE VOLTAGES TO RED TERMINAL GIVES FORWARD DIAPHRAGM MOTION.

DESIGN ENGINEER : MIKE PARK

MODEL :ME120H

2.83Vrms @1m



ENGINEERING STANDARD	DATE EFFECTIVE	NUMBER	PAGE
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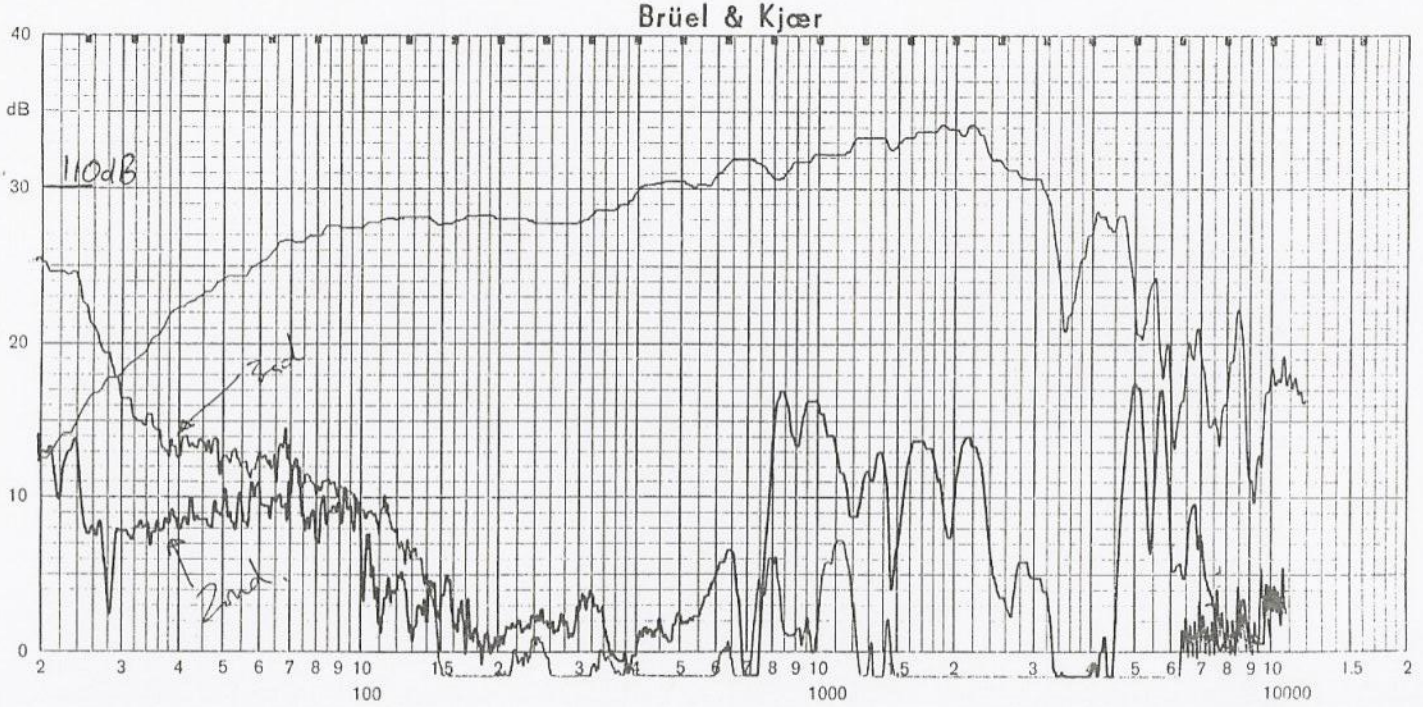
MODEL :ME120H

20Vrms @ 1m
H.D + 20dB
RED = 2nd GRN = 3rd.



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THIELE - SMALL PARAMETERS

Fs	34.25Hz NEW, 29Hz BROKEN IN
Re	5.3 OHMS
Qts	0.3
Qms	5.79
Qes	0.32
Vas	3.2
Sd	.0515m2
Xmax	0.4" MECHANICAL EXCURSION.
Bl	17.8
Mms	89.7
Le	.36mh
no	1.08%
Pe	3 Vrms.(200W EQV.)

ENGINEERING TEST SPECIFICATION

FREQUENCY RESPONSE 2.83Vrms @ 1 m .

(+ / -) 1.2dB	50 Hz - 100Hz	1/6 OCT.
(+ / -) 1.0dB	100Hz - 630Hz	1/6 OCT.
(+ / -) 1.2dB	630Hz - 1.25KHz	1/6 OCT.
(+ / -) 1.7dB	1.25KHz - 2.0KHz	1/6 OCT.
(+ / -) 2.2dB	2.0KHz - 2.5KHz	1/3 OCT.

All slopes must be 36 dB/oct.

20 Vrms @ 1 m HARMONIC DISTORTION

50Hz (1/3 OCT.)	2nd. < 30dB 3rd. < 35dB
100Hz (1/3 OCT.)	2nd. < 35dB 3rd. < 35 dB
200Hz (1/3 OCT.)	2nd. < 45 dB 3rd. < 50 dB
400 Hz (1/3 OCT.)	2nd. < 45 dB 3rd. < 50 dB
1KHz (1/3 OCT.)	2nd. < 30 dB 3rd. < 40dB

POWER TEST 37Vrms 50Hz - 500Hz PINK NOISE FOR 8 HOURS.

DYNAMIC TEST 6Vrms 20Hz - 2KHz SWEEP.

POLARITY E.I.A.