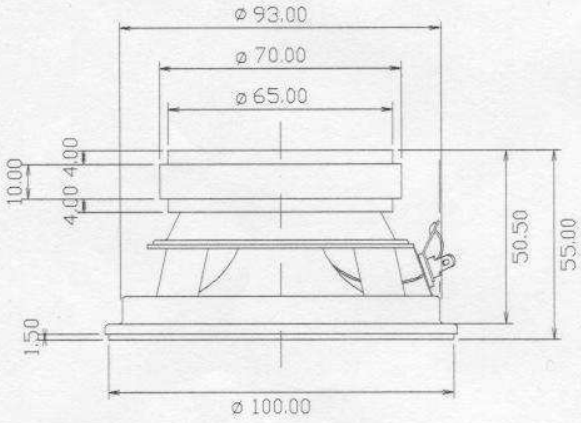
HIFI WOOFER

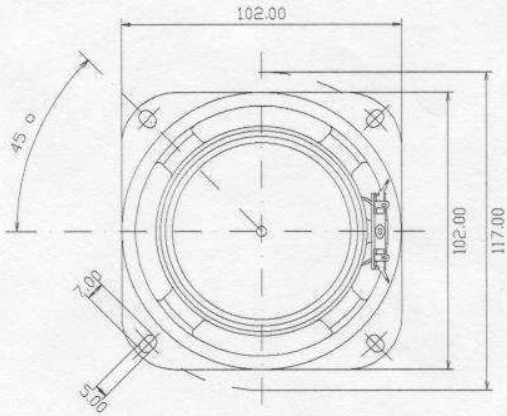
BW-100-508

ART.-NO.: 03100508

NOMINAL POWER HANDLING ACC. DIN IEC 268:	PN:	25 W
NOMINAL IMPEDANCE:	ZN:	8 Ω
VOICE COIL RESISTANCE:	RE:	6,8 Ω ± 10%
FREE AIR RESONANT FREQUENCY	fr:	90 Hz ± 10%
FREQUENCY RANGE ACC. DIN IEC 268:		60 - 4800 Hz
VOICE COIL CARRIER MATERIAL:		SPECIAL
VOICE COIL DIAMETER:		26,5 mm
SENSITIVITY ACC. DIN IEC 268 (1W, 1m):		83 dB ±1 dB
TOTAL WEIGHT OF UNIT:		500 g

CHARACTERISTICS:
CLOTH EDGE



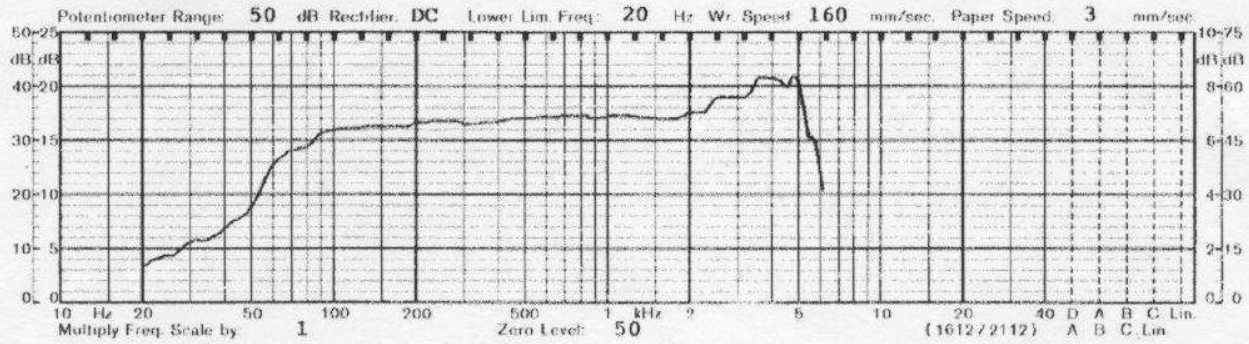


DIMENSIONS IN MM

MECHANICAL TOLERANCES ACC. TO DIN 6930 (Allgemeintoleranzen, Genauigkeitsgrad G)

FOR MORE INFORMATIONS REFER TO WESTRA`S MANUAL OF TECHNICAL DATA, INCLUDED IN THE BOOKLET TO WESTRA`S DIGITAL LOUDSPEAKER CATALOGUE OR AVAILABLE DIRECTLY FROM WESTRA.

FREQUENCY RESPONSE ACC. DIN IEC 268 IEC BAFFLE P=1W, d=1m, SWEEPED SINE WAVE



FOR PRODUCT IMPROVEMENT WESTRA RESERVES ALTERATIONS IN SPECIFICATIONS AND DESIGN WITHOUT FURTHER ANNOUNCEMENT
FOR TOLERANCES OF TECHNICAL DATA REFER TO WESTRA`S MANUAL OF TECHNICAL DATA

DB **WESTRA ELECTRONIC GMBH D-86637 WERTINGEN/GERMANY TEL. 08272/99960 FAX. 08272/999666**

HIFI WOOFER

BW-100-508

ART.-NO.: 03100508

Q-FACTORS:	QMS:	3,18	
	QES:	1,11	
	QTS:	0,82	
TOTAL MOVING MASS:	MMS:	3,9	g
EFFECTIVE DIAPHRAGM AREA:	SD:	0,005	m^2
COMPLIANCE:	CMS:	0,56	mm/N
FORCE FACTOR:	BL:	4	Tm
EQUIVALENT AIR VOLUME OF SUSPENSION:	VAS:	2	l
MAGNET DATA:	POLE PIECE DIAMETER:	25	mm
	AIRGAP HEIGHT:	4	mm
	VOICE COIL HEIGHT:	7	mm
	AIRGAP FLUX DENSITY:	840	mT
MAGNET DIMENSIONS:	70 l	32 l	10 mm
WEIGHT OF MAGNET:		152	g

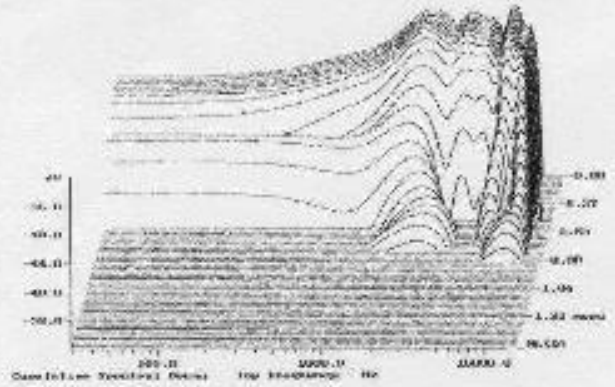
CROSSOVER NETWORK FOR POWER HANDLING TEST

THE NOMINAL POWER HANDLING HAS BEEN CHECKED UNDER THE FOLLOWING CONDITIONS:
CLOSED BOX OF 2 L

TESTSIGNAL:
SIMULATED PROGRAM SIGNAL ACC. DIN IEC 268
300 HRS: 1 min WORK, 2 min PAUSE

Z(N)	U1[V(eff)]	L1 [mH]	C1 [µF]	L2 [mH]	C2 [µF]
8	14,14				

CUMULATIVE SPECTRAL DECAY MEASURED WITH MLSSA® IN WESTRA ANECHOIC CHAMBER, 1 W, 1 m



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