



Vifa-Speak A/s
DK-6920 Videbæk
Denmark

Fabrikation af kvalitetshøjtalere
Production of Quality Loudspeakers

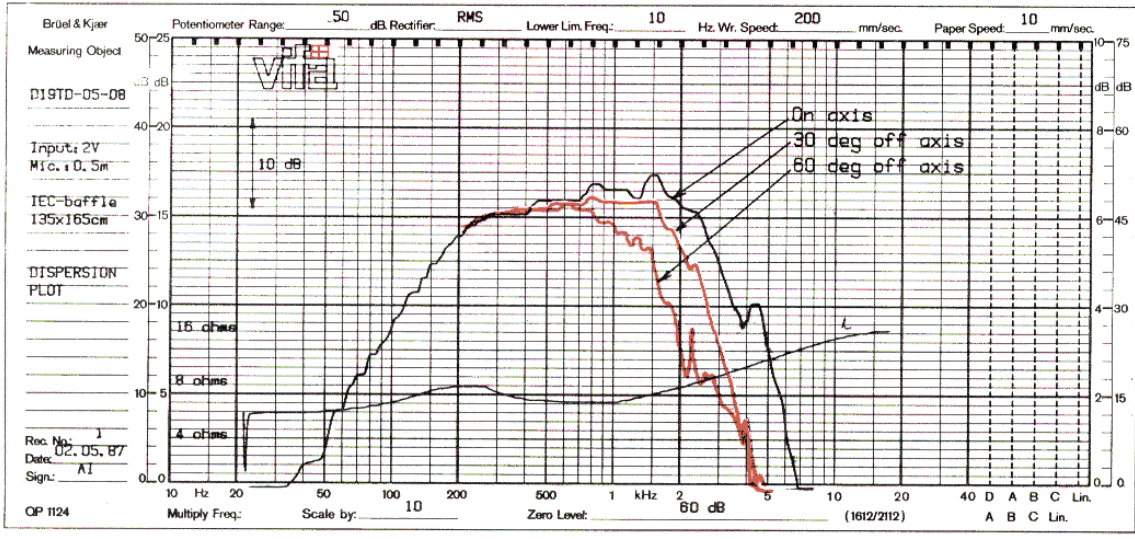
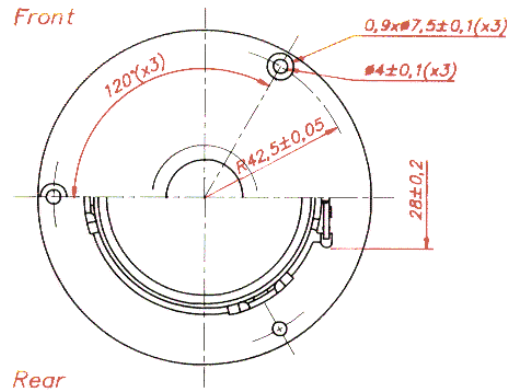
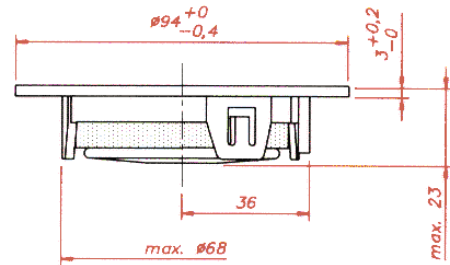
3/4" DOME TWEETER

D19TD-05-08

SPECIAL FEATURES:

- HIGH LOSS DIAPHRAGM
- MAGNETIC FLUID
- HIGH POWER VERSION
- GOOD DISPERSION

| | |
|---------------------------|---------------------|
| NOMINAL IMPEDANCE | 8 Ω |
| NOMINAL POWER (IEC 268-5) | 80 W |
| FREQUENCY RANGE | 3-20 kHz |
| SENSITIVITY (1W, 1m) | 89 dB |
| EFFECTIVE DIAPHRAGM AREA | 4,2 cm ² |
| VOICE COIL RESISTANCE | 6,2 Ω |
| OPERATING POWER | 5,0 W |
| VOICE COIL DIAMETER | 19 mm |
| VOICE COIL HEIGHT | 1,4 mm |
| AIR GAP HEIGHT | 2 mm |
| FREE AIR RESONANCE | 1700 Hz |
| MOVING MASS (incl. air) | 0,2 g |
| FORCE FACTOR, B x l | 2,6 Txm |
| MAGNET WEIGHT | (3,7 oz) 105 g |

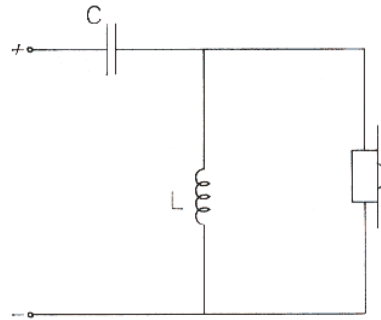


D19TD-05-08

Applications

Recommended x-over:

| Nom. power [W] | Fc [Hz] | L [mH] | C [μ F] |
|----------------|---------|--------|--------------|
| 80 | 5000 | 0,33 | 3,3 |



It is strongly recommended to use at least 2'nd order (12 dB/oct) x-over for D19TD-05-08. The impedance load provided by the x-over should be as low as possible at the tweeter res. frequency. This will ensure maximum electrical damping, and consequently minimum excursion. This is essential for high power input.

