

**DYNAUDIO®**  
AUTHENTIC TECHNOLOGY

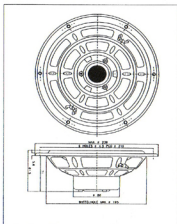
## Woofer 24W-75 XL

The original 24W75 woofer set new standards in compact woofer design for sealed box or variovent (aperiodic damping) speakers. The critical damping and general predictability of this type of driver make cabinet design predictable and simple.

24W75XL continues the tradition with a new design suitable for both vented and closed cabinets. The magnet system has been enlarged - the  $Q_t$  is now a lower 0.48 for the 8 Ohm version.

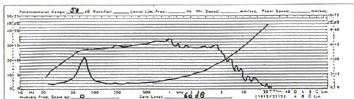
The special features include:

- A 75 mm voice coil
- PP cone in a one-piece construction
- Hexacoil technique voice coil
- Centre-magnet design
- Optimum impulse response
- Vented magnet system
- Shallow construction
- Wide dynamic range



## 24W-75 XL

## Measurements



## Specifications

Thiele-Small Parameter:

8(4) ohms:

Q, mechanical	$Q_{ms}$	2,20 (2,30)
Q, electrical	$Q_{es}$	0,61 (0,58)
Q, total	$Q_{ts}$	0,48 (0,46)
Resonance free air	$f_s$	33 (32) Hz
equiv. volume	$V_{as}$	88,8 (92,4)
force factor	B <sub>XL</sub>	5,7 (4,6) Tm
eff. cone area	$S_d$	220cm <sup>2</sup>
moving mass	$M_{ms}$	18,0 (18,4)g
lin. excursion (p-p)	$X_{max}$	6,5 mm
max. excursion (p-p)		23mm

Voice coil:

diameter	d	75 mm
length	h	11,5 mm
layers	n	2
inductance(1KHz)	$L_e$	0,43(0,39)mH
nom. impedance	$Z_{ec}$	8 (4) Ohm
DC resistance	$R_e$	5,5(3,5) Ohm
Sensitivity		2,8V see curve
Power handling:		
nominal (long term)	1EC	130 W
transient	10ms	1000 W
Net weight		1,1 kg
Overall dimensions		240x75 mm