

## Woofer 17 W-75 XL

### Advantages

This Dynaudio woofer 17 W-75 XL is equipped with the XL magnet system making it suitable for bass reflex constructions.

This special design of the magnet system consists not only of a bigger magnet construction. A special arrangement of two magnet rings is applied avoiding overshootings.

The one-piece moulded PP cone is shaped with a concave middle section, thus giving an extended frequency range.



### Applications

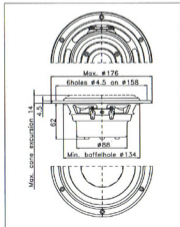
For use in 10 to 15 liter bass reflex or passive radiator systems.

For 2 way systems or mid woofer in bigger constructions.

Can be used with 6dB or higher order crossover.

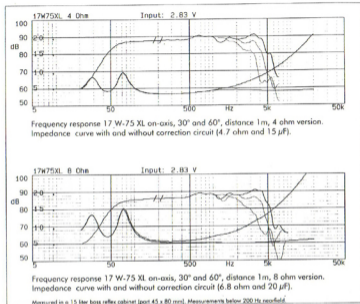
### Typical Data

	4 Ohm	8 Ohm
Fs	40 Hz	40 Hz
Qt	0.4	0.5
Vas	20 liter	20 liter



## Woofer 17 W-75 XL

## Measurements



## Specifications

Thiele-Small Parameter <sup>1</sup>	4 ohm		8 ohm		Voice Coil	4 ohm		8 ohm			
	Qm	1.9	2	Qe		0.5	0.6	d	75 mm	75 mm	
Q, mechanical	Qe	0.5	0.6	Qt	0.4	0.5	h	11 mm	11 mm		
Q, electrical	Qt	0.4	0.5	Fs	40 Hz	40 Hz	n	2	2		
Q, total	Fs	40 Hz	40 Hz	Resonance frequency	Zmax	14 ohm	21 ohm	Layers	2	2	
Resonance frequency	Zmax	14 ohm	21 ohm	Maximum impedance	Mms	16 g	16 g	Inductance 10 kHz	Le	0.17 mH	0.23 mH
Maximum impedance	Mms	16 g	16 g	Moving mass	BL	4.8 Tm	5.7 Tm	Nom. impedance	Zvc	4 ohm	8 ohm
Moving mass	BL	4.8 Tm	5.7 Tm	Force factor	Vas	20 liter	20 liter	DC resistance	Rc	3.0 ohm	5.1 ohm
Force factor	Vas	20 liter	20 liter	Equiv. volume	Sd	120 cm <sup>2</sup>	120 cm <sup>2</sup>	Sensitivity	2.83 V	see curve	see curve
Equiv. volume	Sd	120 cm <sup>2</sup>	120 cm <sup>2</sup>	Effective cone area	Xmax	6 mm	6 mm	Power Handling:			
Effective cone area	Xmax	6 mm	6 mm	Lin. excursion (p-p)		19 mm	19 mm	Nominal long term	IEC>	130 watts	130 watts
Lin. excursion (p-p)		19 mm	19 mm	Max. excursion (p-p)				Transient	10ms>	1000 W	1000 W
Max. excursion (p-p)								Net weight		1.1 kgs	1.1 kgs
								Overall dimension		∅ 176 x 70 mm	

<sup>1</sup>Thiele-Small Parameter measured with correction circuit.

All specifications subject to change without notice.