

## INVERTED TITANIUM DOME TWEETER

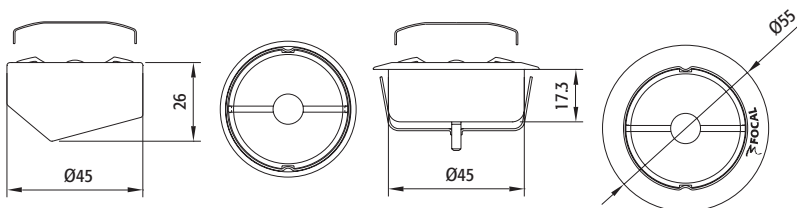
- Phase plug
- 20 mm Neodymium magnet
- 20 mm diameter voice coil with aluminium former, ferrofluid cooled
- Optional accessories for easy mounting



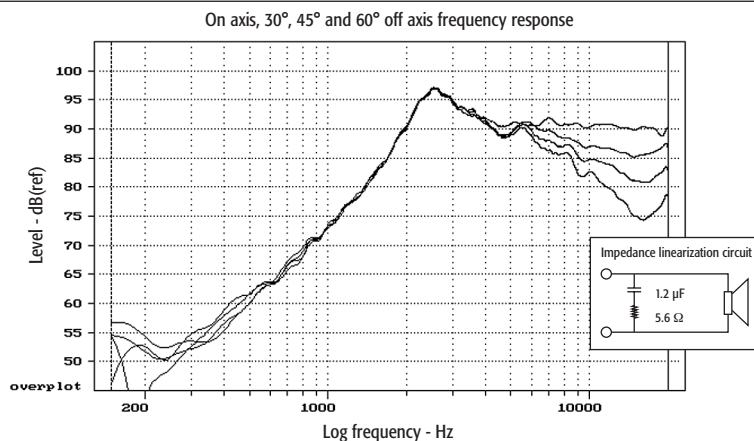
## SPECIFICATIONS

Nom. power handling	15	W
Max. power handling	100	W
Sensitivity	92	dB (2.8V/1m)
Cone	Titanium	
Surround	Titanium	
Nom. impedance	4	$\Omega$
DC resistance	4.5	$\Omega$
VC diameter	20	mm
VC height	2	mm
Former	Aluminium	
Layers	2	
Wire	Copper	
Inductance	0.13	mH
Xmax	0.037	mm
Magnet $\phi$ x height		mm x mm
Magnet weight		g
Flux density		T
Gap height	2	mm
Net weight	0.07	kg

## DRAWING



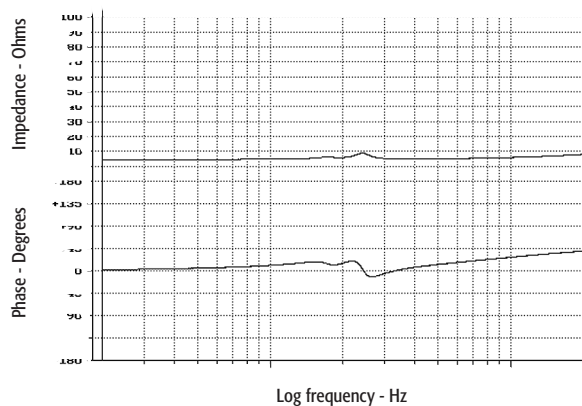
## MEASUREMENTS



## PARAMETERS

Fs	2389	Hz
Vas		l
Qts	2.65	
Qes	5.59	
Qms	5.05	
Re	4.5	$\Omega$
Sd		cm <sup>2</sup>
Cas		m <sup>3</sup> /N
Mas		kg/m <sup>4</sup>
Ras		$\Omega$ .ac
Cms		m/N
Mms		g
Rms		kg/s
Ces		$\mu$ F
Les		mH
Res		$\Omega$
Bl		N/A
SPL		dB/W/m

## Impedance and electrical phase versus frequency



™Kapton is a trademark of Dupont

## SIMULATION

Simulation		
Ql		I
Vb		Hz
Fb		Hz
F-3		cm
$\phi$ V		cm
LV		