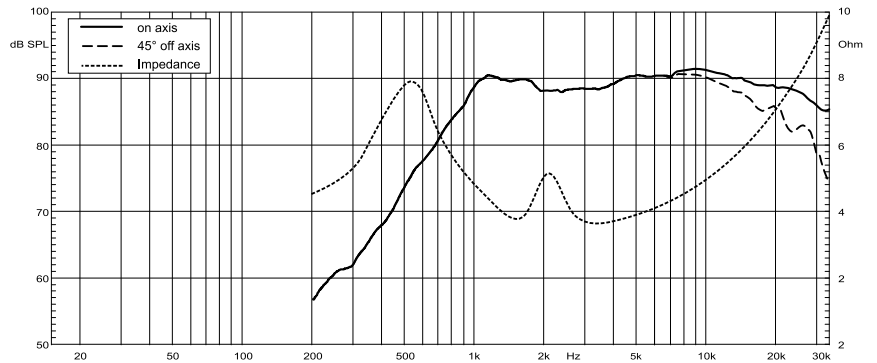


- 28 mm voice coil
- Nominal diameter 32.8 mm
- N42 Neodymium magnet
- Light vented aluminum former
- Torcon® soft dome
- ABS housing with self damping system
- Ferrofluid cooling and damping
- Computer optimized design
- Motor metal parts CNC machined
- Under dome dB Cloth® damping material
- Multi angle dash mounting cup
- Stealth mounting system adaptator



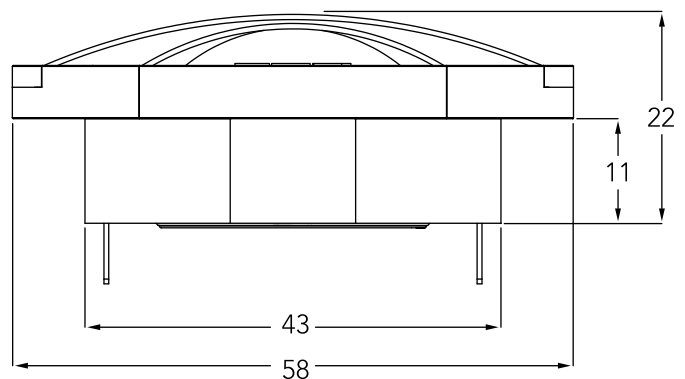
The tweeter has a Torcon® diaphragm for a smooth sound, with an outer suspension covered with a high-loss damping material to eliminate edge vibration and resonance. The dome is of extremely low mass and is much less susceptible to mechanical deformation than other models, yet it provides a smooth, linear and very extended response. The 28 mm voice coil has aluminum support and very light copper-coated aluminum wire. The coil is ventilated and damped with iron-fluid oil. The special SVS ventilation design provides two benefits: optimal cooling of voice coil and avoiding compressing the air at the back of the dome. Neodymium N42 magnet, a type of magnet with significantly higher performance than the classic "standard" ones, is optimized with computer simulations to get better efficiency and improve linearity.

SPECIFICATIONS			
Technical Characteristics	Symbol	Value	Units
GENERAL DATA			
Overall Dimension	D x h	58 X 16.5	mm
Nominal Power Handling (AES)*	P	90	W
Transient Power *	Pp	180	W
Sensivity 1W/1m	SPL	91	dB SPL
Frequency Response		900 - 25.000	Hz
Dome Material		Torcon®	
*Nominal and Transiet power @ High Pass 2.5KHz - 12db/Oct			



ELECTRICAL DATA			
Nominal Impedance	Z	4	Ω
DC Resistance	Ω	3.5	Ω
Voice coil Inductance	Lbm	0.0517	μH
VOICE COIL AND MAGNET PARAMETERS			
Voice Coil Diameter	Dia	28	mm
Voice coil Height	h	2.5	mm
Magnetic Gap Height	HE	3.5	mm
Max Linear excursion	Xmax	±0.5	mm
Voice Coil Former		Aluminum	
Number of layers	n	2	
Magnet System		Neodymium N-42H	
Efficiency	η°	0.483	%
BL Product	BxL	3.07	Na
Magnet dimension	∅ x h	27 x 6	mm

T&S PARAMETERS			
Suspension Compliance	Cms	0.134	N/m
Mechanical Q Factor	Qms	1.529	
Electrical Q Factor	Qes	0.568	
Total Q Factor	Qts	0.554	
Moving Mass	mms	0.739	g
Eq. Comp. Air Load	VAS	0.012	l
Resonance Frequency	Fs	505	Hz
Effective Piston Area	SD	8.49	cm ²



All measurements in millimeters