LEGEND

ML 280.3

COMP TWEETER

180 W



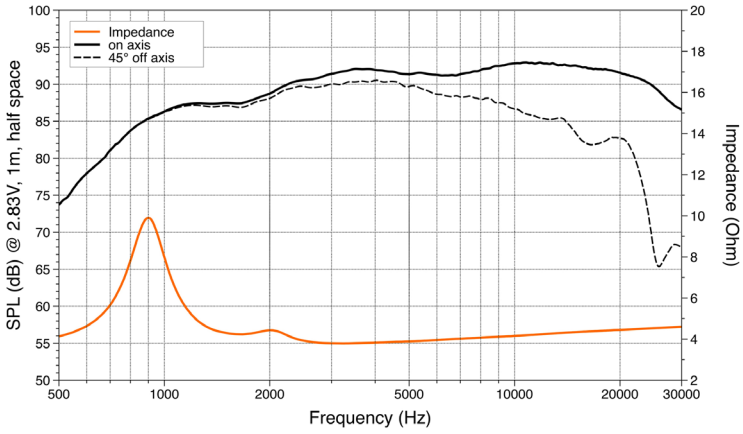
TECHNICAL SPECIFICATIONS

Component		Tweeter
Size	mm (in.)	35 (1.38)
Power Handling	W peak (Hi-Pass filtered @ 1,8kHz - 12dB Oct.)	180
Impedance	Ω	4
Frequency Response	Hz	1k ÷ 28k
Voice Coil Ø	mm (in.)	28 (1.1)
Magnet size **D x d x h**	mm (in.)	27,8 x 3,5 x 3 (1.1 x 0.14 x 0.12)
Weight of one speaker	kg (lb)	0,10 (0.22)
Magnet		Neodymium
Dome/Cone		Tetolon

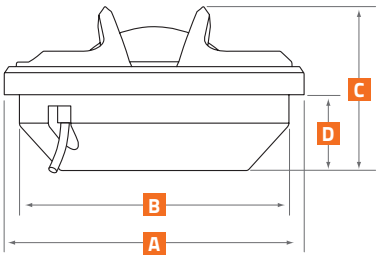
1. Neodymium magnet optimized with FEA simulations of the magnetic flux for utmost control and fast response to the transients.
2. Extremely pure copper short circuit ring, for excellent very high frequency extension.
3. Die-cast aluminium face plate with profile optimized with FEA simulations to improve frequency response and dispersion.
4. Tetolon Fiber dome optimized with FEA simulations for lower distortion and improved dispersion in high frequency range.
5. Frame structure and rear load chamber both derived from a CNC machined solid aluminium block, to ensure mechanically inert response to resonances.
6. Rear chamber sized for only 900 Hz Fs: low Fs ensures wide extension in low frequency range and low distortion also in the crossing section, allowing a decreased cut-off frequency.
7. High-density damping material underneath the dome, low-density absorbing material in the rear chamber, providing fluid acoustic emission and high damping in the low frequency response.

ELECTRO-ACOUSTIC PARAMETERS

D	mm	28
Re	Ω	3,2
Fs	Hz	900
Le	mH	0,013
Vas	l	-
Mms	g	0,4
Cms	mm/N	0,09
BL	T▪m	1,9
Qts		1,3
Qes		1,9
Qms		4
Spl	dB	92



A	53,4 mm	2.1 in.
B	48 mm	1.89 in.
C	29 mm	1.14 in.
D	13,5 mm	0.53 in.



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All Specifications Subject to Change Without Notice_14.C