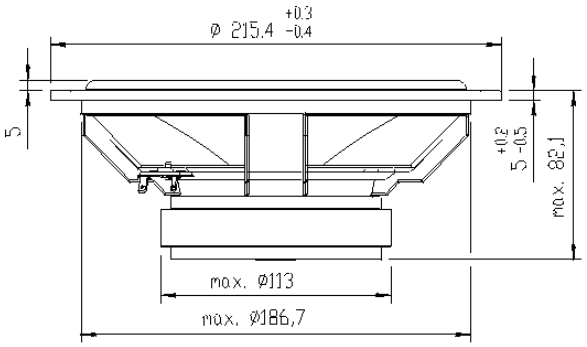
E.B. ACOUSTIC & ELECTRONIC RESEARCH s.r.l.
Via S. Bartolomeo, 10 - 28047 Oleggio (NO)
Ph. 0039.0321.91430-94511 - Fax 0039.0321.94411
www.ebacoustic.it

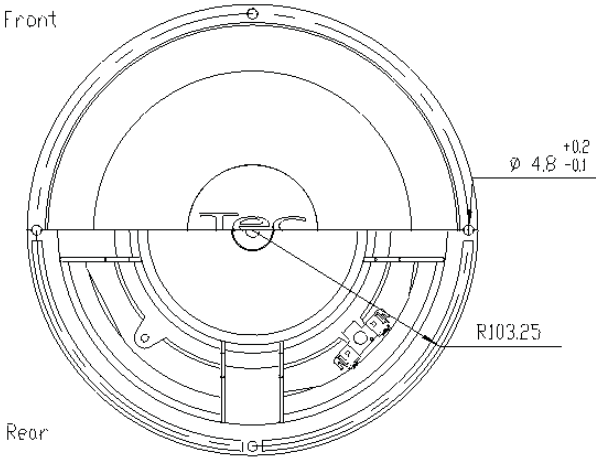
WOOFER

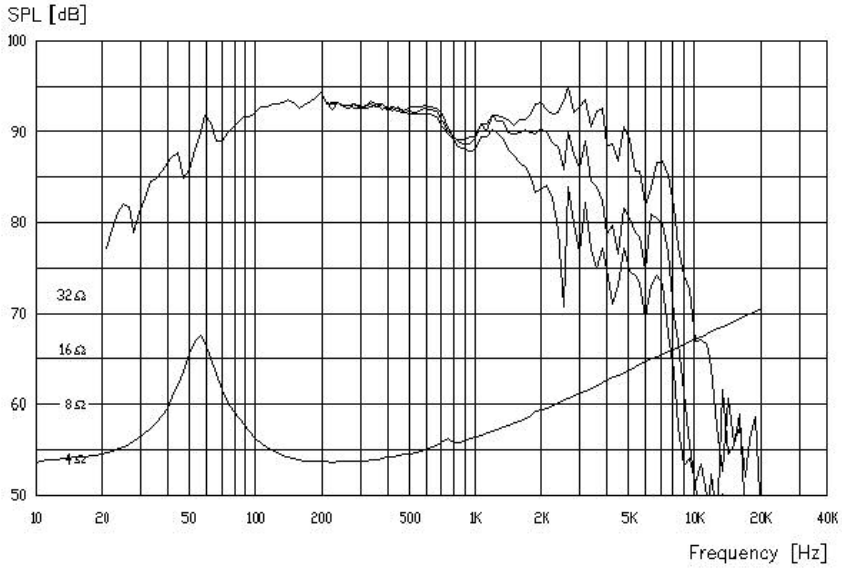
TSW 8

* Cono in fibreglass realizzato con tecnologia NRSC (Non Resonant Suspension Coupling).
* Elevata linearità della risposta in frequenza e bassa distorsione delle sospensioni.
* Bordo in gomma asimmetrico realizzato con tecnologia NR (Non Resonant).
* Cestello in magnesio pressofuso.
* Avvolgimento della bobina mobile e sistema magnetico ventilati.
* Insensibile a umidità, temperatura e raggi UV.

Frequency range	30-2.000	Hz
Equivalent volume, Vas	28.42	L
Mechanical resistance, Rms	2.86	Ns/m
Effective diaphragm/cone area, Sd	232	cm2
Voice coil diameter	40	mm
Voice coil height	13.7	mm
Linear excursion	± 6	mm
Nominal impedance	4	ohm
Voice coil resistance	3.18	ohm
Voice coil inductance	0.73	mH
Free air resonance, Fs	52.4	Hz
Sensitivity, Spl (2.83V,1m)	91	dB
Force factor, Bxl	6.68	Tm
Moving mass, Md	24.66	g
Qms	2.84	
Qes	0.58	
Qts	0.48	
Nominal power*	120	W
Short term max power*	420	W
Long term max power*	240	W
Magnet weight	450	g
Total weight of driver	---	g







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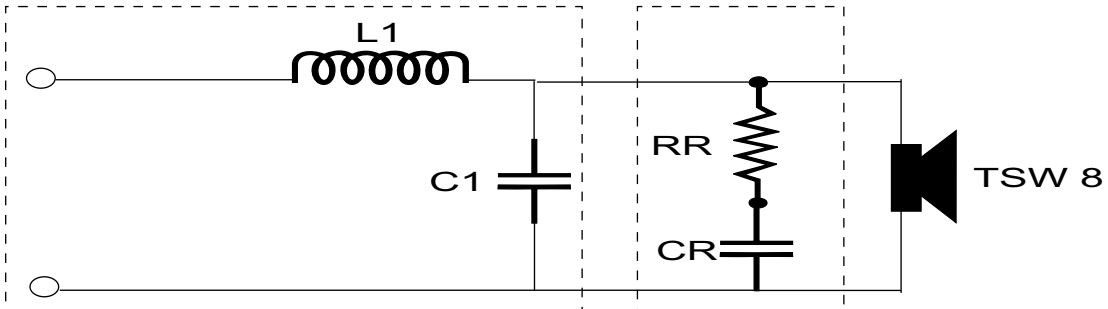


Passa basso

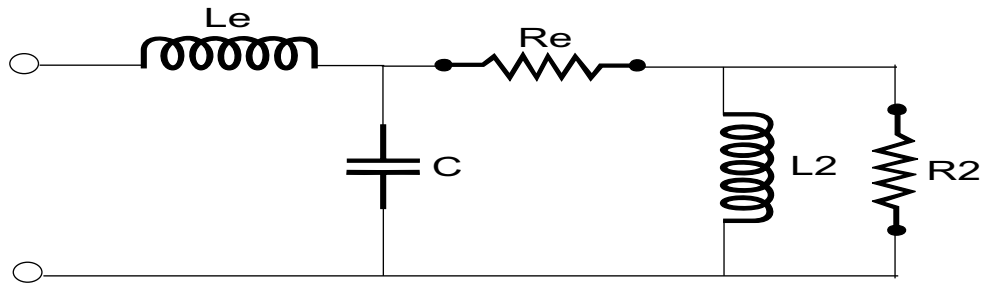
Ft	L1	C1	Ft	L1	C1
200	3,70	168	1000	0,75	33
300	2,40	110	1500	0,50	22
400	1,80	82	2000	0,38	18
600	1,20	56	2500	0,30	15
800	0,95	47	3000	0,25	10

Rifasatore

RR= 3,3
CR= 56

Legenda

Ft frequenza [Hz]
L induttanza [mH]
C capacità [uF]
R resistenza 11W [ohm]



ELECTRIC EQUIVALENT NETWORK

Le = 0,73 mH
Re = 3,18 ohm
C = 552,64 uF
L2 = 16,69 mH
R2 = 15,61 ohm