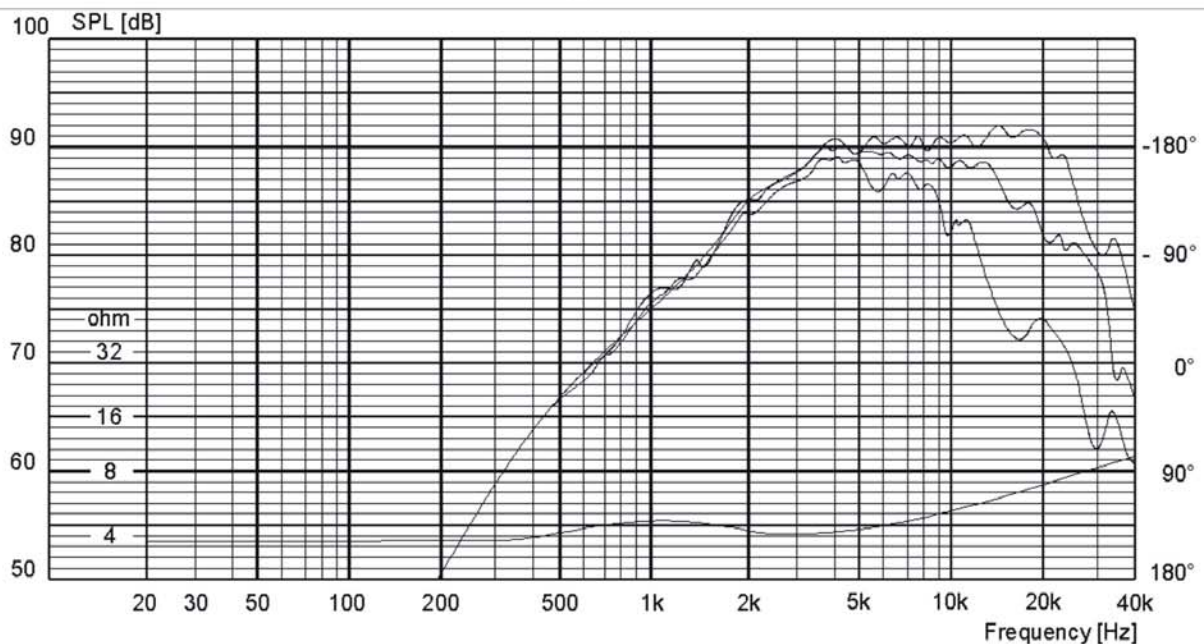
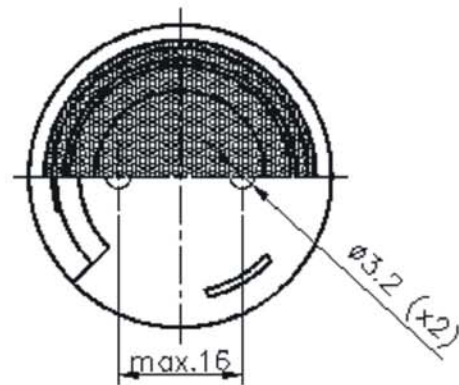
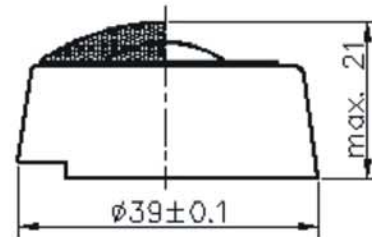


NEODYM. TWEETER

XP20N/K

- * TWEETER con cupola in seta da 20mm.
- * Griglia integrata nel corpo tweeter.
- * Magnete al neodimio ad alta temperatura di smagnetizzazione.
- * Molteplici accessori di installazione disponibili.
- * Crossover dedicato 12dB/oct. disponibile.
- * Cablaggio ad innesco rapido saldato sui terminali tweeter.

Frequency range	KHz	3-20
Equivalent volume, Vas	L	0.001
Compliance, Cms	mm/N	0.04
Mechanical resistance, Rms	Ns/m	0,09
Effective diaphragm/cone area, Sd	cm ²	4.5
Voice coil diameter	mm	20
Voice coil height	mm	2
Air gap height	mm	2
Nominal impedance	ohm	4
Voice coil resistance	ohm	3.2
Voice coil inductance	mH	0.036
Free air resonance, Fs	Hz	1500
Sensitivity, Spl (2.83V/1m)	dB	89/90
Force factor, Bxl	Tm	5.5
Moving mass, Md	g	0.2
Qms		0.85
Qes		1.75
Qts		0.57
Nominal power	W	30
Short term max power	W	120
Long term max power	W	60
Magnet weight	g	8.5
Total weight of driver	g	35



NEODYM. TWEETER

XP20N/K

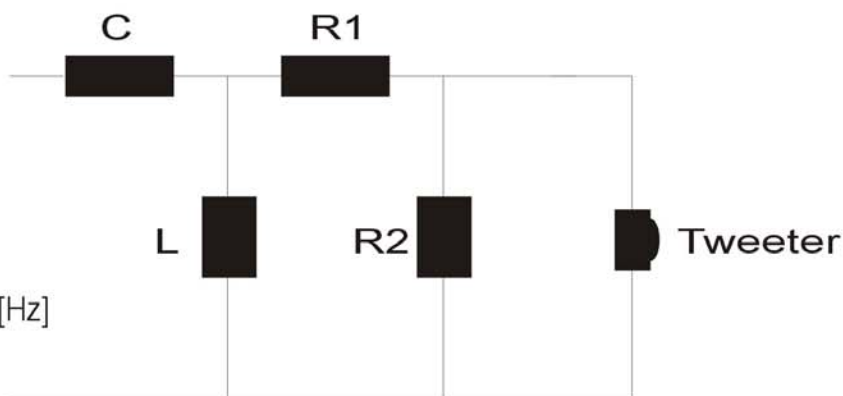
LEGENDA

C = condensatore [μF]

L = induttore [mH]

R = resistore [ohm]

F_c = frequenza di taglio [Hz]



Crossover 12dB/oct. Butterworth

$F_c=3000$	$C=10$	$L=0.27$
$F_c=3500$	$C=9.0$	$L=0.23$
$F_c=4000$	$C=7.8$	$L=0.20$
$F_c=5000$	$C=6.6$	$L=0.16$
$F_c=6000$	$C=5.5$	$L=0.14$
$F_c=7000$	$C=4.7$	$L=0.12$
$F_c=8000$	$C=3.9$	$L=0.10$

Attenuatore

1dB	$R1=0.33$	$R2=33$
2dB	$R1=0.82$	$R2=13.3$
3dB	$R1=1$	$R2=8.2$
4dB	$R1=1.33$	$R2=6.8$
5dB	$R1=1.5$	$R2=4.7$
6dB	$R1=1.8$	$R2=3.9$
7dB	$R1=2.2$	$R2=3.3$



E.B. ACOUSTIC & ELECTRONIC RESEARCH S.R.L.

Via S. Bartolomeo, 10 - 28047 OLEGGIO (NO) Italy Ph. 0039 0321 91430 - Fax 0039 0321 94411

www.ebacoustic.it