40 V1

400mm (16") Polyglass subwoofer

- **65mm / 4 layers voice-coil**
- **Polyglass cone**
- **Zamak basket**

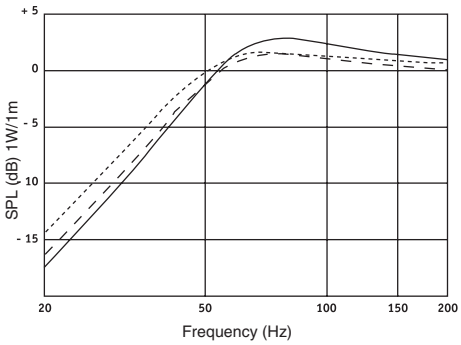


Specifications

Nominal power	400 W	
Maximum power	800 W	
Sensitivity (2.83V/m)	93.5 dB	
Cone	Polyglass	
Surround	Butyl	
Nom. impedance	4 ohm	
DC resistance	3.3 ohm	
VC diameter	65 mm	$2^{1/2}$ in
VC height	25.8 mm	1 in
Former	Aluminum	
Layers	4	
Wire	Copper	
Inductance	2.4 mH	
Xmax	7.5 mm	5/16 in
Magnet (hxd)	156 x 25 mm	$6^{1/6}$ x 1 in
Magnet weight	1412 g	3.11 lb
Flux density	0.7 T	
Gap height	10 mm	5/12 in
Net weight	7.2 kg	15.87 lb

Response curve

Vented enclosure



——— 40 litres (1.413 cu. ft.)
F - 3 = 46Hz /
Fast and tight bass

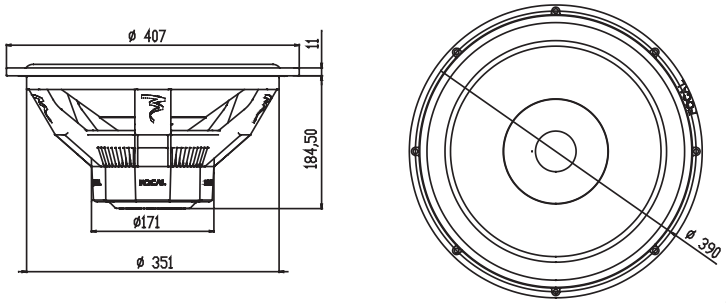
- - - - - - 50 litres (1.766 cu. ft.)
F - 3 = 43Hz / Punchy
and dynamic bass

..... 60 litres (2.119 cu. ft.)
F - 3 = 40Hz / Deep
and articulate bass

Parameters

Fs	26.84 Hz	
Vas	165.66 l	5.84 Ft^3
Qts	0.459	
Qes	0.51	
Qms	4.62	
Re	3.3 ohm	
Sd	881.41 cm^2	$136^{1/2}$ in^2
Cas	1.18E-07 m^5/N	
Mas	29.81 kg/m^4	
Ras	1088.18 ohm.ac	
Cms	1.52E-04 m/N	
Mms	231.60 g	0.51 lb
Rms	8.454 kg/s	
Ces	916.42 mF	
Les	38.37 mH	
Res	29.89 ohm	
Bl	15.90 N/A	
SPL	89.83 dB/W/m	

Mechanical Drawing



Unit: mm

Suggested application

Load	Vol	Fb	F-3 (Hz)	Ql
Vented	40 l	25	46	7
Vented	50 l	23	43	7
Vented	60 l	20	40	7

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