

SEAS Prestige P18RNX/P (H1350) 7" Poly Cone Woofer

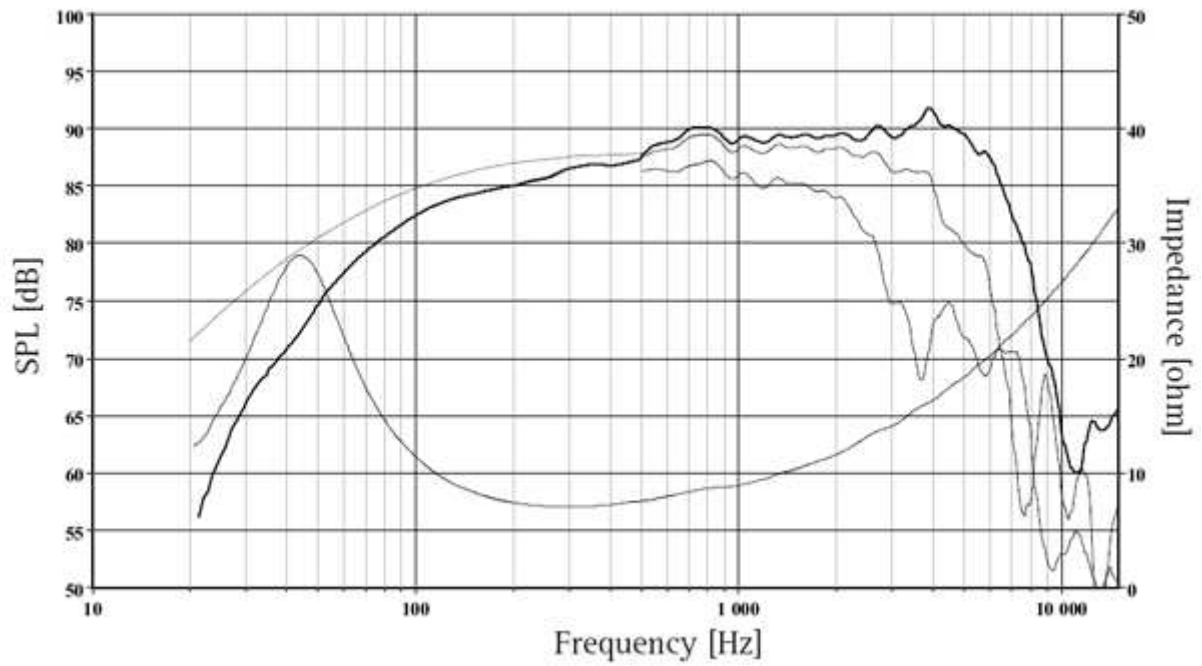


Seas P18RNX/P (H1350) 7" Polypropylene Cone Woofer with Phase Plug 8 ohm

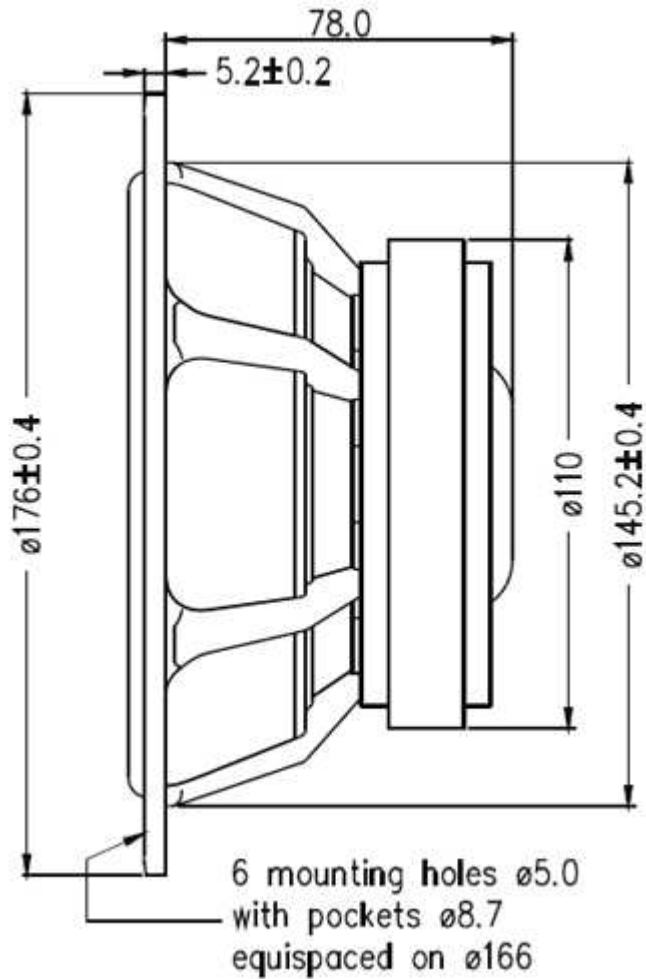
The P18RNX/P is an 18 cm (6.5") cone driver, developed for use as a long throw high fidelity woofer or woofer/midrange unit. A polypropylene based cone ensures smooth frequency response and low distortion, and the adaptive rubber surround provides an ideal match to the cone over the total frequency range.

The large magnet system gives good transient response, and the bumped back plate together with the very long, and light weight copper clad aluminum voice coil allow for extreme coil excursion with low distortion.

The extremely stiff and stable injection molded metal basket, keeps the critical components in perfect alignment. Large windows in the basket both above and below the spider reduce sound reflection, air flow noise and cavity resonance to a minimum.



Nominal Impedance	8 Ohms	Voice Coil Resistance	6.1 Ohms
Recommended Frequency Range	40 - 2500 Hz	Voice Coil Inductance	1.18 mH
Short Term Power Handling *	250 W	Force Factor	7.6 N/A
Long Term Power Handling *	80 W	Free Air Resonance	44 Hz
Characteristic Sensitivity (2,83V, 1m)	88.0 dB	Moving Mass	13.1 g
Voice Coil Diameter	39 mm	Air Load Mass In IEC Baffle	0.82 g
Voice Coil Height	18 mm	Suspension Compliance	1.0 mm/N
Air Gap Height	6 mm	Suspension Mechanical Resistance	2.53 Ns/m
Linear Coil Travel (p-p)	12 mm	Effective Piston Area	126 cm ²
Maximum Coil Travel (p-p)	22 mm	VAS	21 Litres
Magnetic Gap Flux Density	1.0 T	QMS	1.52
Magnet Weight	0.64 kg	QES	0.41
Total Weight	1.92 kg	QTS	0.32



Specifications:

Nominal Impedance 8 Ohms
 Recommended Frequency Range 40 - 2500 Hz
 Short Term Power Handling *250 W
 Long Term Power Handling *80 W
 Characteristic Sensitivity (2,83V, 1m) 88.0 dB
 Voice Coil Diameter 39 mm
 Voice Coil Height 18 mm
 Air Gap Height 6 mm
 Linear Coil Travel (p-p) 12 mm
 Maximum Coil Travel (p-p) 22 mm
 Magnetic Gap Flux Density 1.0 T
 Magnet Weight 0.64 kg
 Total Weight 1.92 kg

Voice Coil Resistance 6.1 Ohms
 Voice Coil Inductance 1.18 mH
 Force Factor 7.6 N/A
 Free Air Resonance 44 Hz
 Moving Mass 13.1 g
 Air Load Mass In IEC Baffle 0.82 g
 Suspension Compliance 1.0 mm/N
 Suspension Mechanical Resistance 2.53 Ns/m
 Effective Piston Area 126 cm²
 VAS 21 Litres
 QMS 1.52
 QES 0.41
 QTS 0.32

Frame diameter 176mm
Cut out diameter 145.2mm
Depth 78mm