



# PRO DIVISION — 12F4-2200W

## TECHNICAL SPECIFICATION

Nominal Woofer Size	300 mm (12 in)
Voice Coil Diameter	100 mm (4 in)
Impedance	4 + 4 Ohm
Minimum Impedance	3.7 + 3.7 Ohm
RMS Power	1100 WRMS
Max Power	2200 W
Frequency Range	60 Hz - 1.8 kHz
Sensitivity (1W - 1m)	91.45 dB
Sensitivity (2.83V)	91.76 dB
Voice Coil Wire	100% Copper
Voice Coil Winding Height	30 mm (1.2 in)
Voice Coil Material	GFT Fiberglass
Cone Material	Pressed Paper
Magnet Material	Ferrite
Gap Height	12 mm (0.5 in)
Demodulation Ring	No
Terminal Connection	Push Terminals

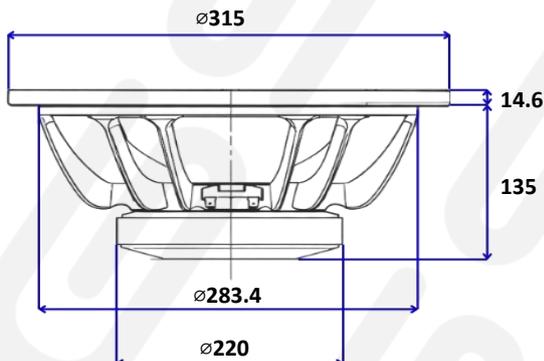
## THIELE&SMALL PARAMETERS

Re (Ohm)	7.45
Fs (Hz)	56.52
Le (mH) at 10kHz	1.49
Vas (L)	30.97
Cms (mm/N)	0.07
Bl (Txm)	21.63
Q(ts)	0.59
Q(ms)	11.07
Q(es)	0.62
Xmax (mm - one way)	13
Mms (g)	109.37
Sd (cm <sup>2</sup> )	575
Xdamage (mm)	18.5
Eta Zero n(0)	0.86
Magnetic Flux (T)	1.1

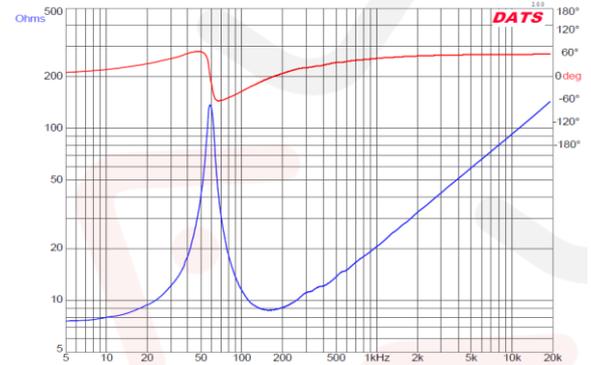
## SPEAKER AND PACKAGE DIMENSIONS

Outer Diameter	315 mm (12.4 in)
Mounting Holes	8 x Ø6 mm on 300 mm (11.8 in)
Mounting Diameter	283.4 mm (11.2 in)
Mounting Depth	135 mm (5.3 in)
Magnet Diameter	220 mm (8.6 in)
Ferrite Magnet Dimensions	220 x 25 mm (8.6 x 1 in)
Speaker Volume	3 L (0.11 ft <sup>3</sup> )
Speaker Weight	10.8 kg (24 lb)
Package Weight	13 kg (28.7 lb)
Shipping Box Dimensions	38 x 38 x 23 cm (15 x 15 x 9.1 in)

## DRAWING DIMENSIONS / INSTALLATION



Phase (°)  
Impedance



Frequency Response 0 degree



Nearfield frequency response measured at nominal sensitivity