



PRO DIVISION — 12F4-1900SW

TECHNICAL SPECIFICATION

| | |
|---------------------------|-----------------|
| Nominal Woofer Size | 300 mm (12 in) |
| Voice Coil Diameter | 100 mm (4 in) |
| Impedance | 4 + 4 Ohm |
| Minimum Impedance | 3.5 + 3.5 Ohm |
| RMS Power | 950 WRMS |
| Max Power | 1900 W |
| Frequency Range | 50 Hz - 1.5 kHz |
| Sensitivity (1W - 1m) | 91.55 dB |
| Sensitivity (2.83V) | 92.10 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 |

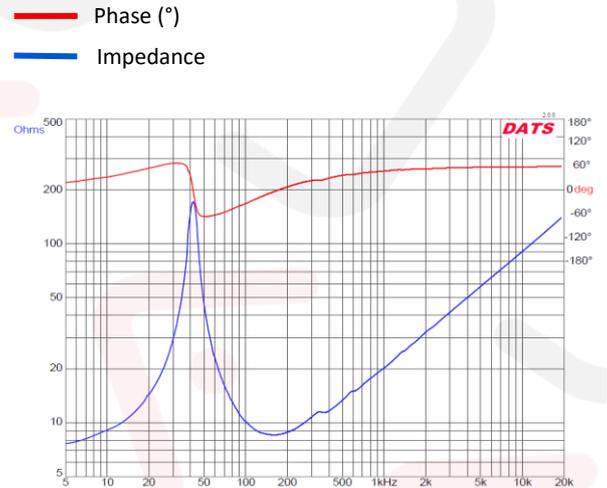
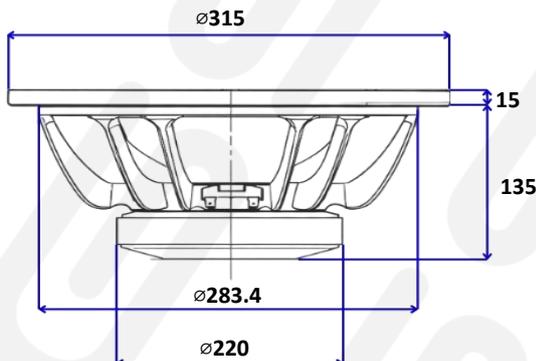
THIELE&SMALL PARAMETERS

| | |
|-----------------------|--------|
| Re (Ohm) | 7.05 |
| Fs (Hz) | 41.72 |
| Le (mH) at 10kHz | 1.44 |
| Vas (L) | 51.07 |
| Cms (mm/N) | 0.12 |
| Bl (Txm) | 23.68 |
| Q(ts) | 0.39 |
| Q(ms) | 9.89 |
| Q(es) | 0.40 |
| Xmax (mm - one way) | 13 |
| Mms (g) | 121.74 |
| Sd (cm ²) | 575 |
| Xdamage (mm) | 18.5 |
| Eta Zero n(0) | 0.88 |
| 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 ³) |
| Speaker Weight | 10.9 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



Frequency Response 0 degree



Nearfield frequency response measured at nominal sensitivity