faital PRO PROFESSIONAL LOUDSPEAKERS *Made in Italy*

12PR300

12" - 300 W - 99 dB

NOMINAL SPECIFICATIONS

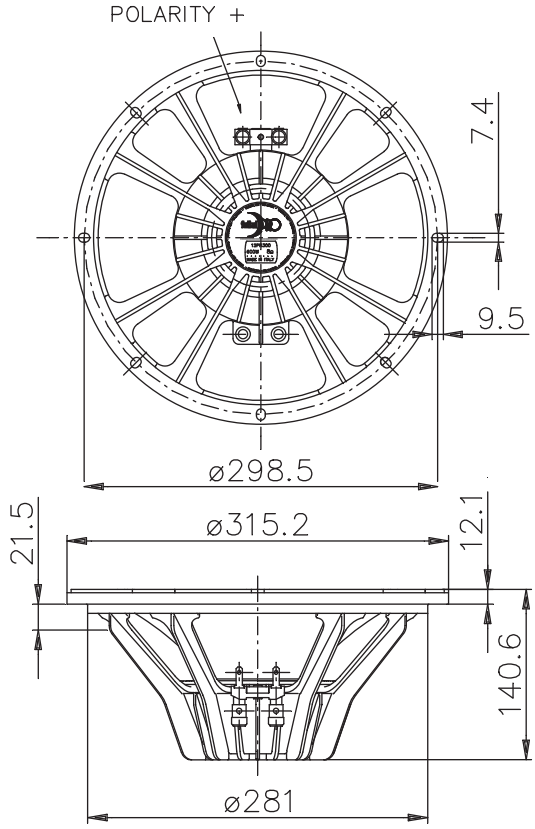
Nominal Diameter	300 mm (12 in)
Overall Diameter	315.2 mm (12.4 in)
Bolt Circle Diameter	298.5 mm (11.75 in)
Baffle Cutout Diameter	283 mm (11.14 in)
Depth	140.6 mm (5.54 in)
Flange and gasket Thickness	12.1 mm (0.48 in)
Net Weight	**2.5 kg (5.51 lb)**
Shipping Box	350 x 346 x 216 mm
(Single Carton Box)	(13.78 x 13.62 x 8.5 in)
Shipping Weight	3.25 kg (7.17 lb)

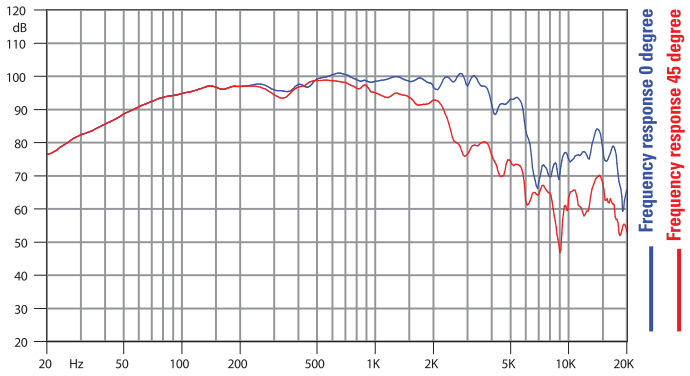
TECHNICAL PARAMETERS

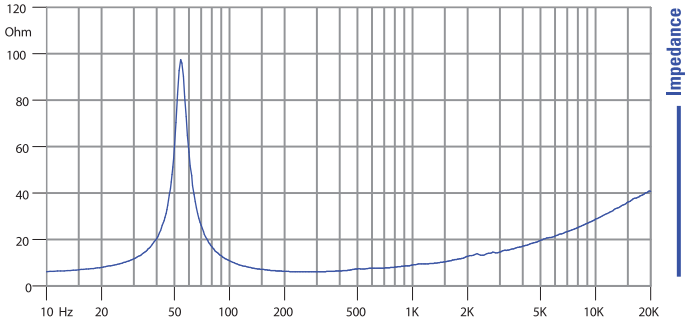
Nominal Impedance	8 Ω
Minimum Impedance	6.2 Ω
AES Power Handling (1)	300 W
Maximum Power Handling (4)	**600 W**
Sensitivity (1W/1m)	**99 dB**
Frequency Range	50÷5000 Hz
Voice Coil Diameter	**65 mm (2.5 in)**
Winding Material	Al
Former Material	Glass Fiber
Winding Depth	12.5 mm (0.49 in)
Magnetic Gap Depth	**8 mm (0.31 in)**
Flux Density	1.25 T
Magnet	**Neodymium Slug**
Basket Material	Aluminum
Demodulation	No
Cone Surround (5)	M-Roll
NET Air Volume filled by Loudspeaker	1.9 dm³ (0.067 ft³)
Spider Profile	1x variable height waves

THIELE & SMALL PARAMETERS

Fs	50 Hz
Re	5.4 Ω
Qes	0.37
Qms	9.92
Qts	0.36
Vas	79.2 dm³ (2.8 ft³)
Sd	489 cm² (75.8 in²)
Xmax (2)	4.92 mm
Xdamage (3)	14 mm
Mms	43.4 g
Bl	14.1 N/A
Le	0.42 mH
Mmd	36.6 g
Cms	0.23 mm/N
Rms	1.37 kg/s
η_o (Eta Zero)	2.6 %
EBP	135 Hz







NOTE:
(1) 2 Hours Test According to AES 2-1984 Rev. 2003
(2) Xmax = [(Winding Depth - magnetic gap depth)/2] + (magnetic gap depth / 3)
(3) Maximum excursion before permanent damage
(4) Maximum power is defined as 3dB greater than nominal power
(5) Treated Polycotton