faital PRO PROFESSIONAL LOUDSPEAKERS *Made in Italy*

12HP1030

12″ - 1000 W - 95 dB

NOMINAL SPECIFICATIONS

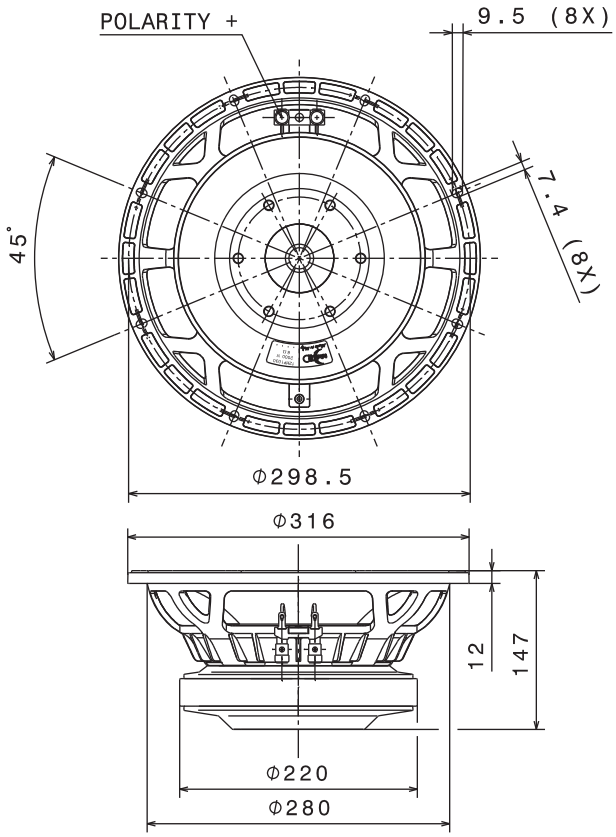
Nominal Diameter	300 mm (12 in)
Overall Diameter	316 mm (12.44 in)
Bolt Circle Diameter	298.5 mm (11.75 in)
Baffle Cutout Diameter	282 mm (11.10 in)
Depth	147 mm (5.79 in)
Flange and gasket Thickness	12 mm (0.47 in)
Net Weight	**11.1 kg (24.55 lb)**
Shipping Box	350 x 346 x 190 mm
(Single Carton Box)	(13.78 x 13.62 x 7.48 in)
Shipping Weight	11.8 kg (26.1 lb)

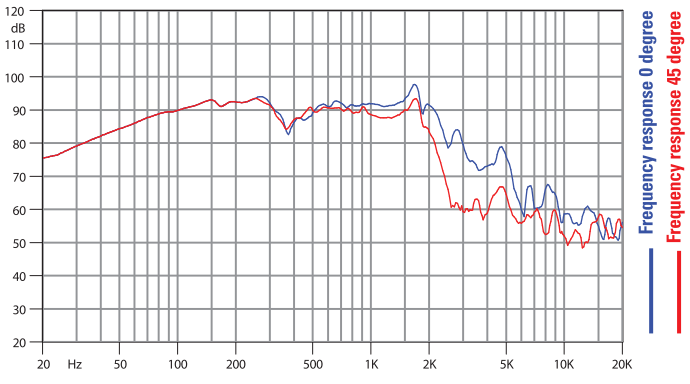
TECHNICAL PARAMETERS

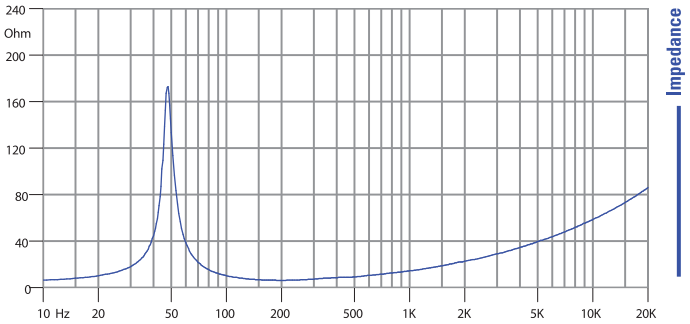
Nominal Impedance	8 Ω
Minimum Impedance	6.7 Ω
AES Power Handling (1)	1000 W
Maximum Power Handling (4)	**2000 W**
Sensitivity (1W/1m)	**95 dB**
Frequency Range	45÷1600 Hz
Voice Coil Diameter	**100 mm (4 in)**
Winding Material	Cu
Former Material	Glass Fiber
Winding Depth	28.9 mm (1.14 in)
Magnetic Gap Depth	**12 mm (0.47 in)**
Flux Density	1.1 T
Magnet	**Ferrite Ring**
Basket Material	Aluminum
Demodulation	Aluminum Ring
Cone Surround (5)	Triple Roll
NET Air Volume filled by Loudspeaker	3.7 dm³ (0.131 ft³)
Spider Profile	2x non-adjacent symmetrical variable height waves

THIELE & SMALL PARAMETERS

Fs	45 Hz
Re	5 Ω
Qes	0.31
Qms	13.75
Qts	0.3
Vas	29.91 dm³ (1.06 ft³)
Sd	469 cm² (72.7 in²)
Xmax (2)	12.45 mm
Xdamage (3)	20.5 mm
Mms	130.5 g
Bl	24.3 N/A
Le	1.35 mH
Mmd	124.7 g
Cms	0.09 mm/N
Rms	2.7 kg/s
η_o (Eta Zero)	0.85 %
EBP	145 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