faital PRO PROFESSIONAL LOUDSPEAKERS *Made in Italy*

8RS250

8" - 200 W - 93 dB

NOMINAL SPECIFICATIONS

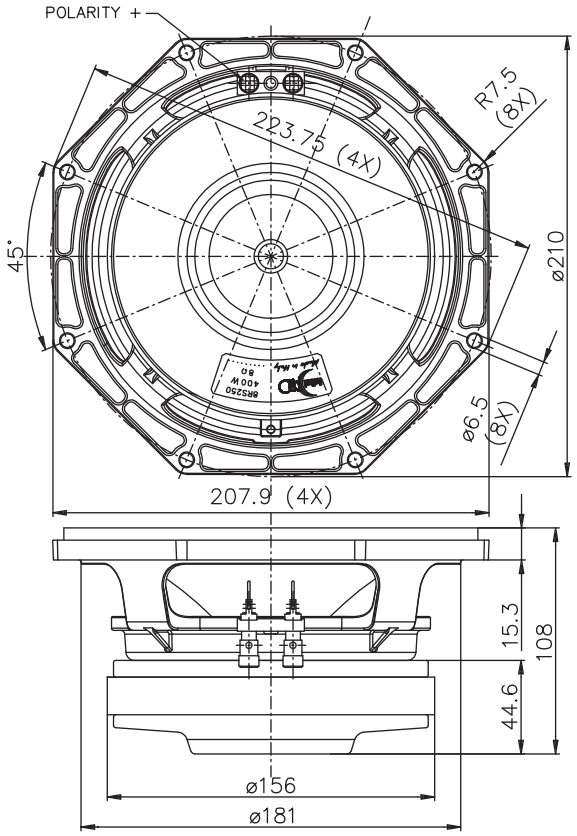
Nominal Diameter	200 mm (8 in)
Overall Diameter	223.75/207.9 mm (8.81/8.18 in)
Bolt Circle Diameter	210 mm (8.27 in)
Baffle Cutout Diameter	183 mm (7.20 in)
Depth	108 mm (4.25 in)
Flange and gasket Thickness	15.3 mm (0.60 in)
Net Weight	**4.4 kg (9.7 lb)**
Shipping Box	235 x 235 x 155 mm
(Single Carton Box)	(9.3 x 9.3 x 6.1 in)
Shipping Weight	4.7 kg (10.4 lb)

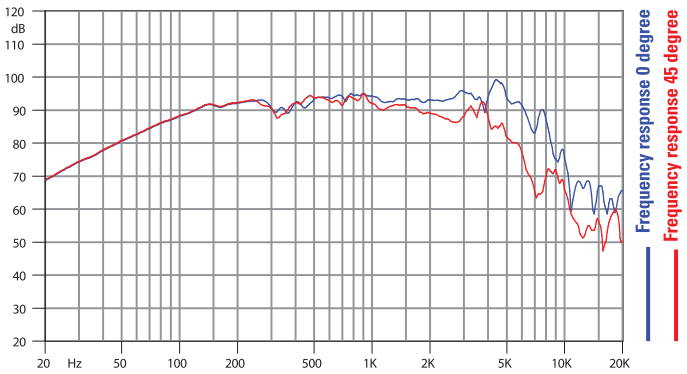
TECHNICAL PARAMETERS

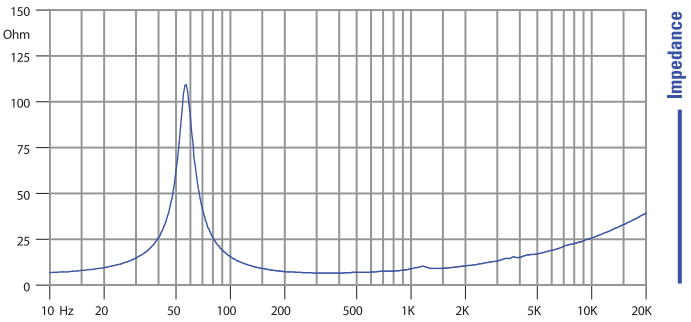
Nominal Impedance	8 Ω
Minimum Impedance	7 Ω
AES Power Handling (1)	200 W
Maximum Power Handling (4)	**400 W**
Sensitivity (1W/1m)	**93 dB**
Frequency Range	60÷6300 Hz
Voice Coil Diameter	**52 mm (2 in)**
Winding Material	Al
Former Material	Glass Fiber
Winding Depth	16.5 mm (0.65 in)
Magnetic Gap Depth	**8 mm (0.31 in)**
Flux Density	1.3 T
Magnet	Ferrite Ring
Basket Material	Aluminum
Demodulation	Aluminum Ring
Cone Surround (5)	Half Roll
NET Air Volume filled by Loudspeaker	1.17 dm³ (0.041 ft³)
Spider Profile	1x variable height waves

THIELE & SMALL PARAMETERS

Fs	56 Hz
Re	5.7 Ω
Qes	0.34
Qms	5.7
Qts	0.32
Vas	16 dm³ (0.57 ft³)
Sd	207 cm² (32.09 in²)
Xmax (2)	6.92 mm
Xdamage (3)	15.7 mm
Mms	30.6 g
Bl	13.5 N/A
Le	0.35 mH
Mmd	28.9 g
Cms	0.26 mm/N
Rms	1.89 kg/s
η_o (Eta Zero)	0.81 %
EBP	165 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) NBR