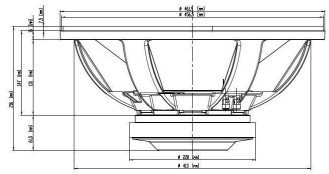
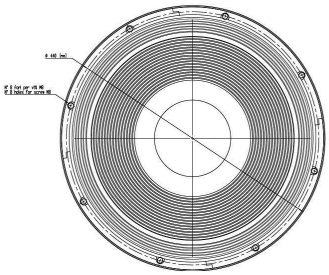
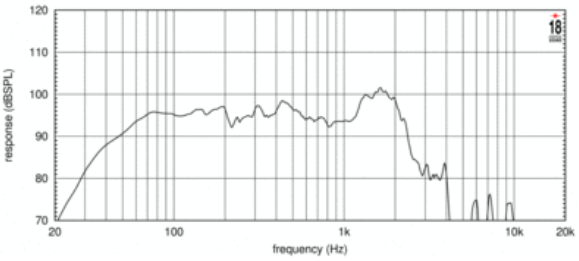
18LW2420 8Ω

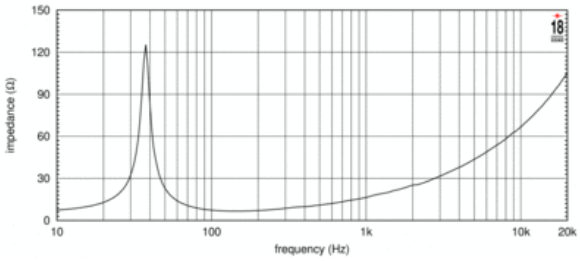
LF drivers - 18.0 Inches











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18LW2420 8Ω

LF drivers - 18.0 Inches

SPECIFICATIONS

Nominal Impedance	8 Ω
Nominal Power Handling[1]	1300 W
Continuous Power Handling[2]	2600 W
Sensitivity[3]	97.0 dB
Frequency Range	33 - 2500 Hz
Voice Coil Diameter	100 mm (4.0 in)

DESIGN

Recommended Enclosure	220.0 dm^3 (7.77 ft^3)
Recommended Tuning	36 Hz

PARAMETERS[4]

Resonance Frequency	33 Hz
Re	5.0 Ω
Qes	0.33
Qms	7.0
Qts	0.31
Vas	255.0 dm^3 (9.01 ft^3)
Sd	1225.0 cm^2 (189.88 in^2)
η_0	2.7 %
Xmax	10.0 mm
Mms	192.0 g
Bl	24.6 Txm
Le	1.8 mH
EBP	100 Hz

MOUNTING AND SHIPPING INFO

Overall Diameter	462 mm (18.19 in)
Bolt Circle Diameter	440 mm (17.32 in)
Baffle Cutout Diameter	422.0 mm (16.61 in)
Depth	215 mm (8.46 in)
Flange and Gasket Thickness	24 mm (0.94 in)
Net Weight	12.4 kg (27.34 lb)
Shipping Weight	13.9 kg (30.64 lb)
Shipping Box	482 x 482 x 257 mm (18.98x18.98x10.12 in)

1. 2 hours test made with continuous pink noise signal within the range Fs-10Fs. Power calculated on rated minimum impedance. Loudspeaker in free air.
2. Power on Continuous Program is defined as 3 dB greater than the Nominal rating.
3. Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.
4. Thiele-Small parameters are measured after a high level 20 Hz sine wave preconditioning test.

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