



WOOFER	38 LE W
Nominal Impedance (Ohm)	4 Ω
Power Handling Wrms	140
Max. Transient Power Handling	600
Sensitivity (2.83V/1M)	88
Frequency Response Hz	49-2000
Resonant Frequency Fs Hz	47
Voice Coil Diameter mm (inch)	75 (3.00)
Voice Coil Height mm (inch)	14.5 (0.57)
Voice Coil Type/Bobbin	Titanium
Voice Coil Wire	Hexatech™ Aluminum
DC Resistance (Ohm)	3.6 Ω
Voice Coil Inductance @1 kHz (mH)	0.38
Magnet System	Neodymium
HE-Magnetic Gap Height mm (inch)	6mm (0.23)
B-Flux Density (T)	0.65
BL Product/BXL	6.3
Max. Linear Excursion/Xmax mm (inch)	± 4.25 (± 0.16)
Suspension Compliance CMS mm/N	0.36
Mechanical Q Factor QES	0.67
QTS	0.58
QMS	8
Mechanical Resistance RMS N•S/m	1.0
Moving Mass MMS gr.	20.27
Equivalent Can Air Load L (cu.ft³)	7.06 (0.24)
Effective Piston Area SD cm² (inch²)	123 (4.34)
Cone Type	Triple layer sandwich cone
Cone Material	Carbon fiber/ Rohacell sandwich
Unit Diameter mm (inch)	165 (6.50)
Mounting Depth mm (inch)	61 (2.4)
Mounting Cutout mm (inch)	141 (5.55)
Net Weight kg (lb)	0.90 (1.98)

	38 LE M	38 LE TW
Nominal Impedance (Ohm)	6 Ω	6 Ω
Power Handling (wRms)	100	130
Max Transient Power Handling W (10ms)	300	350
Sensitivity (2.83V/1M) (dB)	88	90
Frequency Response Hz	300-6000	1450-25000
FS (Hz)	450	1200
Voice Coil Diameter mm (inch)	54 (2.125)	28 (1.125)
Voice Coil Type/Former	Aluminum	Aluminum
Voice Coil Wire	Hexatech™ Aluminum	Hexatech™ Aluminum
DC Resistance (Ohm)	5.1 Ω	5.2 Ω
Magnet System	Neodymium rear vented	Double Neodymium magnet
Dome Type	Acuflex™ hand coated soft dome	Acuflex™ hand coated soft dome
Dome Material	Silk	Silk
Unit Diameter mm (inch)	100 (3.93)	62.6 (2.4)
Mounting Depth mm (inch)	18 (0.7)	14.25 (0.56)
Mounting Cutout mm (inch)	75 (2.95)	44 (1.73)
Net Weight kg (lb)	0.25 (0.55)	0.083 (0.18)
Wiring	Van den hul	Van den hul

CROSSOVER	MX280 LE	MX380 LE
Crossover Point	W: 2000Hz/12dB T:3000Hz/12dB	W:500Hz/12dB M:500Hz/6dB 3500Hz/12dB T:4500Hz/12dB
Crossover Controls	Tweeter +/- 2dB	Tweeter +/- 2dB Mid +2dB
Wiring Options	Bi Wire / Bi amp	Bi Wire / Bi amp

ENCLOSURE RECOMMENDATIONS	38 LE W
Sealed Option	0.14 ft³ (4 Liter)
Sealed Range	0.11-0.35 ft³ (3.1-10 Liter)
Vented Option	0.35 ft³ (10 Liter) @ 65Hz

* Morel operates a policy of continuous products design improvement, consequently specifications are subject to alteration without prior notice