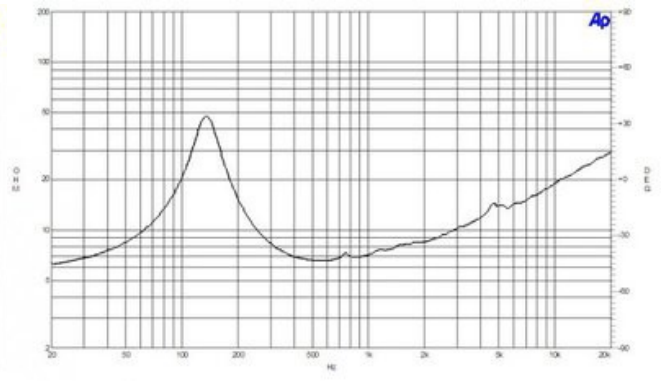
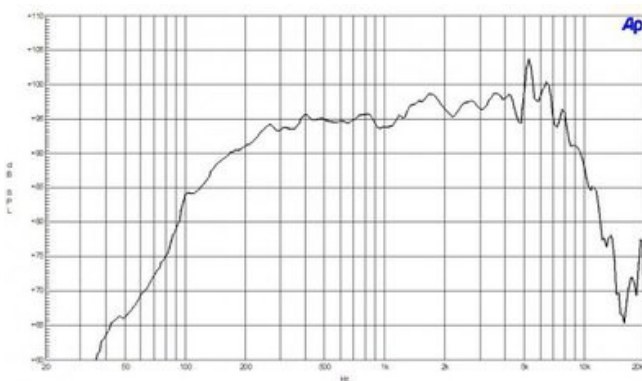


# 6MD38

LF Drivers - 6.5 Inches



- 240 W continuous program power capacity
- 38 mm (1.5 in) aluminium voice coil
- 150 - 6000 Hz response
- 96 dB sensitivity



# 6MD38

LF Drivers- 6.5 Inches

## SPECIFICATIONS

Nominal diameter	170 mm (6.5 in)
Nominal impedance	8 $\Omega$
Minimum impedance	6.5 $\Omega$
Nominal power handling <sup>1</sup>	120 W
Continuous power handling <sup>2</sup>	240 W
Sensitivity (1W/1m) <sup>3</sup>	96.0 dB
Frequency range	150 - 6000 Hz
Voice coil diameter	38 mm (1.5 in)
Winding material	Aluminium
Former material	Glass Fibre
Winding depth	9 mm (0.35 in)
Magnetic gap depth	6 mm (0.25 in)
Flux density	1.4 T

## MOUNTING AND SHIPPING INFO

Overall diameter	187 mm (7.4 in)
Bolt circle diameter	172 mm (6.7 in)
Baffle cutout diameter	145.0 mm (5.7 in)
Depth	82 mm (3.2 in)
Flange and gasket thickness	9 mm (0.35 in)
Air volume occupied by driver	0.8 dm <sup>3</sup> (0.03 ft <sup>3</sup> )
Net weight	2.2 kg (4.8 lb)
Shipping units	1
Shipping weight	2.45 kg (5.4 lb)
Shipping box	221x214x130 mm (8.7x8.4x5.1 in)

## DESIGN

Surround shape	Triple Roll
Cone shape	Exponential
Magnet material	Ferrite
Spider	Single
Pole design	T-Pole
Woofer cone treatment	WP Waterproof Front Side

## SERVICE KIT

RCK06MD388

## PARAMETERS

F <sub>s</sub>	130 Hz
R <sub>e</sub>	5.7 $\Omega$
Q <sub>es</sub>	0.49
Q <sub>ms</sub>	3.7
Q <sub>ts</sub>	0.44
V <sub>as</sub>	3.0 dm <sup>3</sup> (0.1 ft <sup>3</sup> )
S <sub>d</sub>	132.0 cm <sup>2</sup> (20.5 in <sup>2</sup> )
$\eta_0$	1.4 %
X <sub>max</sub>	2.0 mm
X <sub>var</sub>	4.5 mm
M <sub>ms</sub>	12 g
Bl	10.5 Txm
L <sub>e</sub>	0.25 mH
EBP	265 Hz

1. 2 hours test made with continuous pink noise signal (6 dB crest factor) within the range F<sub>s</sub>-10F<sub>s</sub>. 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.

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