

6PS38 8 Ω

Woofer

- 300W continuous power capacity
- 38 mm (1.5 in) aluminium voice coil
- 75 - 5000 Hz frequency response
- 94 dB sensitivity



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SPECIFICATIONS

Nominal Diameter	170 mm (6.5 in)
Nominal Impedance	8 Ω
Minimum Impedance	6.6 Ω
Nominal Power Handling	150 W
2 hours test made with continuous pink noise signal within the range Fs-10Fs. Power calculated on rated minimum impedance. Loudspeaker in free air.	
Continuous Power Handling	300 W
Power on Continuous Program is defined as 3 dB greater than the Nominal rating.	
Sensitivity	94 dB
Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.	
Frequency Range	75 Hz - 5000 Hz
Voice Coil Diameter	38 mm (1.5 in)
Winding Material	Aluminium
Former Material	Glass Fibre
Winding Depth	12 mm (0.49 in)
Magnetic Gap Depth	6 mm (0.24 in)
Flux Density	1.4 T
Woofer Cone Treatment	WP Waterproof Front Side

PARAMETERS

Thiele-Small parameters are measured after a high level 20 Hz sine wave preconditioning test.

Fs	75 Hz
Re	5.4 Ω
Qes	0.31
Qms	11.7
Qts	0.3
Vas	8 dm³ (0.28 ft³)
Sd	132 cm² (20.46 in²)
η ₀	1 %
X _{max}	6 mm
X _{var}	7.5 mm
M _{ms}	14 g
Bl	10.8 Tm
Le	0.6 mH
EBP	242 Hz

DESIGN

Surround Shape	Roll
Cone Shape	Radial
Magnet Material	Ferrite
Spider	Single
Pole Design	Straight Pole
Woofer Cone Treatment	WP Waterproof Front Side
Recommended Enclosure	9 dm³ (0.32 ft³)
Recommended Tuning	80 Hz

MOUNTING AND SHIPPING INFO

Overall Diameter	187 mm (7.36 in)
Bolt Circle Diameter	172 mm (6.77 in)
Baffle Cutout Diameter	145 mm (5.71 in)
Depth	82 mm (3.23 in)
Flange and Gasket Thickness	9 mm (0.35 in)
Air Volume Occupied by Driver	0.8 dm³ (0.03 ft³)
Net Weight	2.35 kg (5.18 lb)
Shipping Units	1 pcs
Shipping Weight	2.55 kg (5.62 lb)
Shipping Box	210x210x125 mm (8.27x8.27x4.92 in)

SERVICE KITS

LF recone-kits	RCK06PS388
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