

18PS76 8 Ω

Woofer

1200 W continuous program power capacity
76 mm (3 in) copper voice coil
40 - 2000 Hz response
99 dB sensitivity
Double silicone spider with optimized compliance



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SPECIFICATIONS

Nominal Diameter	460 mm (18 in)
Nominal Impedance	8 Ω
Minimum Impedance	6.5 Ω
Nominal Power Handling	600 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	1200 W
Power on Continuous Program is defined as 3 dB greater than the Nominal rating.	
Sensitivity	99 dB
Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.	
Frequency Range	40 Hz - 2000 Hz
Voice Coil Diameter	76 mm (3 in)
Winding Material	Copper
Former Material	Glass Fibre
Winding Depth	24 mm (0.92 in)
Magnetic Gap Depth	11 mm (0.4 in)
Flux Density	1.25 T
Woofer Cone Treatment	TWP Waterproof Both Sides

PARAMETERS

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

Fs	39 Hz
Re	5 Ω
Qes	0.29
Qms	6.1
Qts	0.27
Vas	207 dm³ (7.2 ft³)
Sd	1210 cm² (187.6 in²)
η ₀	4 %
X _{max}	7 mm
X _{var}	8 mm
M _{ms}	149 g
Bl	25.8 Tm
Le	1.9 mH
EBP	134 Hz

DESIGN

Surround Shape	Triple Roll
Cone Shape	Exponential
Magnet Material	Ferrite
Spider	Double Silicone
Pole Design	Straight Pole
Woofer Cone Treatment	TWP Waterproof Both Sides
Recommended Enclosure	150 dm³ (5.3 ft³)
Recommended Tuning	45 Hz

MOUNTING AND SHIPPING INFO

Overall Diameter	460 mm (18 in)
Bolt Circle Diameter	440 mm (17.3 in)
Baffle Cutout Diameter	422 mm (16.6 in)
Depth	202 mm (7.95 in)
Flange and Gasket Thickness	16 mm (0.62 in)
Air Volume Occupied by Driver	9 dm³ (0.32 ft³)
Net Weight	10.8 kg (23.81 lb)
Shipping Units	1 pcs
Shipping Weight	12.5 kg (27.56 lb)
Shipping Box	500x495x275 mm (19.69x19.49x10.83 in)

SERVICE KITS

LF recone-kits	RCK18PS768
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