

> (St $\tilde{A}$ $\frac{1}{4}$ ck) PHL Bass W38-6201MNd

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Artikelnummer: PHL-W38-6201MNd

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Hersteller: PHL

38cm Bass mit einer Belastbarkeit vom 1000W. Impedanz 8Ohm, 97dB/W/m, 30-1000(300)Hz, 100mm Spule, Xmax +/-10mm, Intercooler System (hinterlüftete Zentrierung). Empf. Gehäusevolumen: 70-110l BR, Einsatzbereich: Hochwertige Subwoofer für Beschallung und Hifi

Extrem verzerrungsarm und nebengeräuscharm!

Aufgrund des großen maximal möglichen Membranhubs ist der ebenfalls in geschlossenen Gehäusen, z.B. für Hifi- und Heimkinoanwendungen zu betreiben. Dabei reichen 50-70l Volumen aus.

TYPICAL CHARACTERISTICS

Rated impedance

Z

W

8

Half space sensitivity (1W@1m)

-

dB SPL

96

Usable freq. range

-

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Hz

30-1000

Power handling capacity (AES)

-

W

1000

Max Sound Pressure Level

SPLmax

dB SPL

123

Min. impedance modulus

Zmin

W@Hz

6,2@210

Voice-coil inductance @ 1kHz

Le1k

mH

1,68

Voice-coil inductance @ 10kHz

Le10k

mH

0,74

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BL product

BL

N/A

24,7

Moving mass

Mms

kg

0,145

Voice Coil

-

inch

10

THIELE-SMALL PARAMETERS: TYPICAL (QC LIMITS)

Resonance frequency

Fs

Hz

35(±5)

DC Resistance

Re

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W

5,3(±0,5)

Mechanical quality factor

Qms

1

4,9

Electrical quality factor

Qes

1

0,28

Total quality factor

Qts

1

0,26

Mechanical suspension compliance

Cms

10-6.m/N

140

Effective piston area

Sd

m2

0,0871

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Equivalent Cas air load

Vas

m³

0,15

Max linear excursion

Xmax

±mm

10

Linear displacement volume

Vd

10-3.m³

0,871

Reference efficiency

h0

%

2,3

Unity load volume

Vas.Qts²

10-3.m³

10,4

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ABSOLUTE MAXIMUM RATINGS

Short term max. input voltage

V_{max}

V

160

Max.exursion before damage

X_{dam}

±mm

19

Ambient operating temperature

T_a

°C

-10 to +50

Storage temperature

-

°C

-20 to +70

Environmental withstanding

-

-

Outdoor +

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APPLICATION INFORMATION

Air volume occupied by the driver

-

10-3.m3

4,2

Speaker net mass

kg

7,4

Recommended reflex box

Vb/Fb

Lts/Hz

100L / 35Hz

**Preis: 395,00 EUR [inkl. 19% MwSt zzgl.
Versandkosten]**

Im Shop aufgenommen am Dienstag, 16. September 2011