

GRAS RA0404



100 Hz - 10 kHz IEC 60318-4
10 kHz - 20 kHz ± 2.2 dB
20 kHz - 50 kHz ± 3.2 dB
1260 mm³ @ 500 Hz
1.6 mV/Pa
@ 13.5 kHz

GRAS RA0404

50 kHz

40BD 1/4"
[RA0403.](#)



GRAS RA0404



RA0404

RA0404 $\frac{1}{4}$

[GRAS 40BD 1/4"](#)

RA0404 IEC60318-4

13.5 kHz Q

14 dB

10 kHz

10 kHz

13.5 kHz Q

10 kHz

50 kHz

RA0404 13.5 kHz 14 dB 10
kHz $\frac{1}{4}$ " RA0404 50
kHz



RA0404

GRAS

KEMAR

IEC60318-4 IEC60318-4 10 kHz
10 kHz 20 kHz ± 2.2 dB 20 kHz 50 kHz
 ± 3.2 dB 50 kHz

45CA

RA0404 45CA

45CA-12 -

45CA-11 -

IEC60318-4

KEMAR

[GRAS RA0403.](#)

KEMAR

RA0404 RA0045-S1 RA0402 KEMAR



45BB-16 KEMAR

2-Ch CCP

45BC-16 KEMAR

2-Ch CCP

45BB-15 KEMAR

2 -Ch LEMO

45BC-15 KEMAR

2 -Ch LEMO



GRAS 43

RA0404 RA0045-S1 43AG

43AG-9 Anthro CCP.

43AG-8 Anthro LEMO

43AC

43AC-S6 LEMO 43AC-S7 CCP



60318-4

13.5 kHz

10 kHz

$\frac{1}{4}$ "

RA0404 10 kHz 10 kHz

RA0404

RA0404 KEMAR

RA0404

RA0404 45CA /

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RA0404 CCP [GRAS 26CB](#)
[GRAS 26CS](#) 1/4"

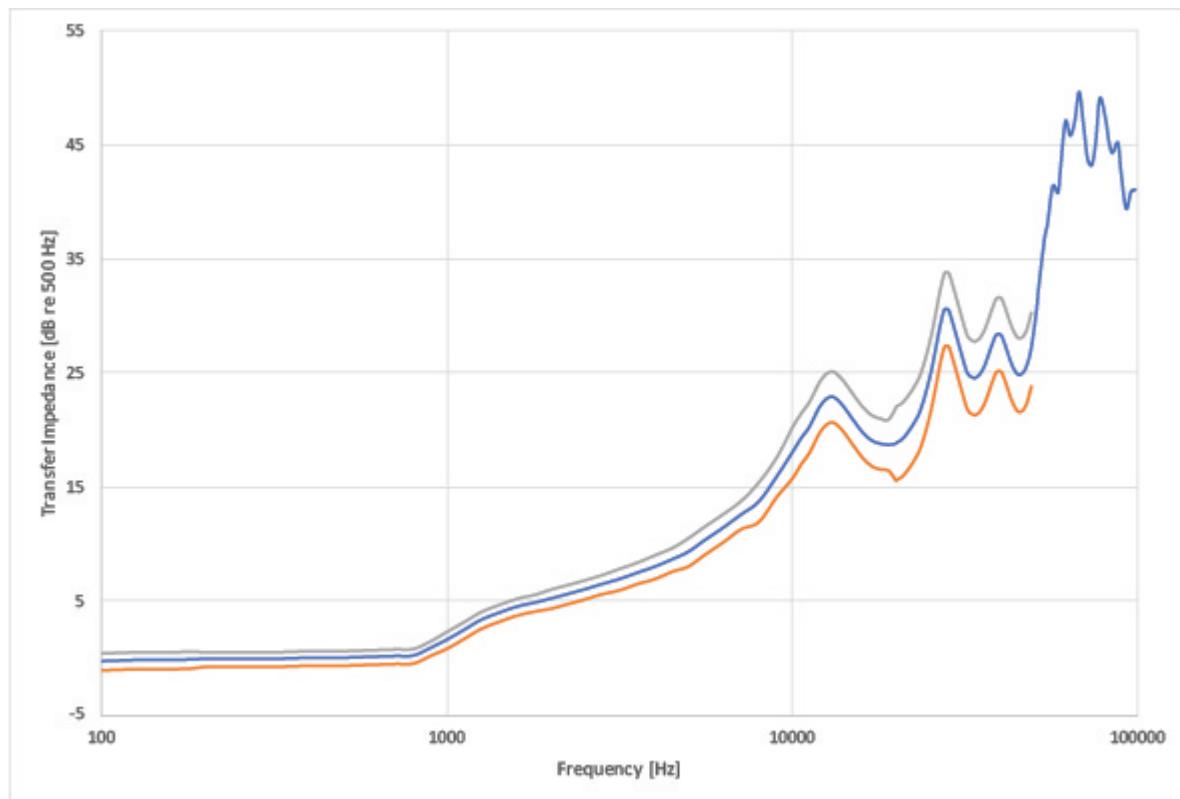
RA0404

Specifications

GRAS RA0404

Page: 4

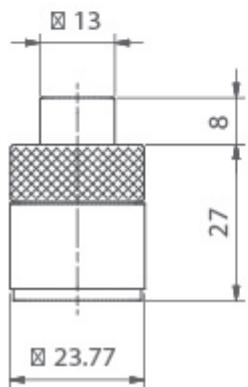
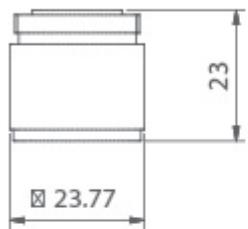
| | | |
|---|-------------------------------------|---|
| Polarization/Connection | | 0 V / CCP |
| Theoretical dynamic range lower limit with GRAS preamplifier | dB(A) | 44 |
| Theoretical dynamic range upper limit with GRAS preamplifier @ +28 V / ±14 V power supply | dB | 166 |
| Set sensitivity @ 250 Hz (±3 dB) | mV/Pa | 1.5 mV |
| Resonance frequency | kHz | 13.5 |
| Coupler volume | mm³ | 1260 @ 500 Hz |
| Temperature range, operation | °C / °F | -30 to 60 / -22 to 140 |
| Temperature coefficient @250 Hz | dB/°C / dB/°F | -0.01 / -0.006 |
| Humidity range non condensing | % RH | 0 to 90 |
| ANSI standard | | S3.7 |
| IEC standard | | Based on 60318-4 |
| ITU-T recommendations | | P.57 |
| CE/RoHS compliant/WEEE registered | | Yes/Yes, Yes |
| Weight | g / oz | 44 |
| | IEC 60318-4 ± 2.2 dB ± 3.2 dB | 100 Hz - 13.5 kHz 10 kHz - 20 kHz 20 kHz - 50 kHz |



1. RA0404

IEC GRAS 10 kHz IEC 60318-4 10 kHz 50 kHz

Dimensions in mm





| | |
|------------------------------------|--------------|
| <u>GRAS RA0088</u> | |
| GRAS GR0433 | |
| GRAS GR0434 | |
| GRAS GR0436 | |
| GRAS GR0437 | |
| GRAS GR0438 | |
| GRAS GR0440 | |
| <u>GRAS 26CB</u> | 1/4 BNC |
| <u>GRAS 26CS</u> | 1/4 CCP |

GRAS Sound & Vibration

GRAS Worldwide

Subsidiaries and distributors in more than 40 countries

HEAD OFFICE, DENMARK

GRAS SOUND & VIBRATION
Skovlytoften 33
2840 Holte
Denmark
Tel: +45 4566 4046
www.GRASacoustics.com
gras@grasacoustics.com

USA

GRAS SOUND & VIBRATION
9290 SW Nimbus Avenue
Beaverton, OR 97008
Tel: 503-627-0832
Toll Free: 800-231-7350
www.GRASacoustics.com
sales-usa@grasacoustics.com

UK

GRAS SOUND & VIBRATION
Unit 115, Gibson House,
Ermine Business Park, Huntingdon,
Cambridgeshire, PE29 6XU
Tel: +44 (0) 7762 584 202
www.GRASacoustics.com
sales-uk@grasacoustics.com

CHINA

GRAS SOUND & VIBRATION
Room 315, RuiBo Center(T1)
Lane683, Shenhong Rd,
Minhang District,
Shanghai, China, 201107
Tel: +86 21 64203370
www.GRASacoustics.cn
cnsales@grasacoustics.com



About GRAS Sound & Vibration

GRAS is a worldwide leader in the sound and vibration industry. We develop and manufacture state-of-the-art measurement microphones and related equipment for industries where acoustic measuring accuracy and repeatability are of the utmost importance. This includes applications and solutions for customers within the fields of aerospace, automotive, audiology, consumer electronics and other highly demanding industries. GRAS microphones are designed to live up to the high quality, durability and accuracy that our customers have come to expect, trust and require.

GRAS Sound & Vibration is represented through subsidiaries and distributors in more than 40 countries and is part of Axiometrix Solutions, a leading test solutions provider comprised of globally recognized measurement brands. Read more at www.grasacoustics.com

grasacoustics.com

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