# 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

40BD 1/4"

50 kHz <u>RA0403.</u>



### Technology

GRAS RA0404	[][] RA0404
ONAC NACTOT	NAOTOT
RA0404 1/4	<u>GRAS 40BD</u> 1/4"
RA0404 IEC60318-4 10 kHz 10 kHz 13.5 kHz Q 10 kHz	13.5 kHz Q 14 dB 50 kHz
RA0404 13.5 kHz 14 dB 10 kHz ¼" 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  IEC60318-4	<b>45CA</b> [[[]]][[]][][] RA0404
KEMAR	KEMAR
GRAS RA0403.	RA0404 RA0045-S1 RA0402 KEMAR
	45BB-16 KEMAR 2-Ch CCP 45BC-16 KEMAR 2-Ch CCP
<ul> <li>IEC60318-4</li> <li>10 kHz 20 kHz ± 2.2 dB</li> <li>20 50 kHz ± 3.2 dB</li> </ul>	45BB-15 KEMAR       2 -Ch LEMO         45BC-15 KEMAR       2 -Ch LEMO
• 13.5 kHz 14 dB	GRAS 43 000000000
• 100 kHz	RA0404 RA0045-S1 43AG 43AG-9 Anthro CCP. 43AG-8 Anthro LEMO

43AC

43AC-S6 LEMO 43AC-S7

10 kHz

1/4"

60318-4



13.5 kHz

CCP

10 kHz --

10 kHz 10 kHz

3-5 kHz

10 kHz /

### Technology

RA0404 10 kHz 10 kHz

RA0404

RA0404 KEMAR

RA0404

RA0404 45CA /

RA0404 CCP GRAS 26CB

**GRAS 26CS** 1/4"

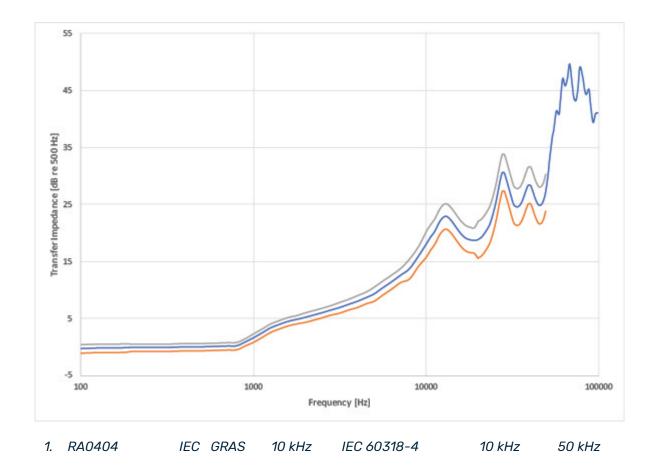
RA0404



## Specifications

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 recommondations		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

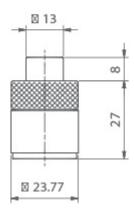




### Dimensions

### Dimensions in mm





## Ordering info



GRAS RA0088	
GRAS GR0433	
GRAS GR0434	
GRAS GR0436	
GRAS GR0437	
GRAS GR0438	
GRAS GR0440	
GRAS 26CB	1/4 BNC
GRAS 26CS	1/4 CCP

**GRAS Sound & Vibration** 



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#### **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

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