GRAS RA0402





100 Hz - 10 kHz IEC 60318-4 10 kHz - 20 kHz ± 2.2 dB @ 13.5 kHz 1260 mm³ @ 500 Hz IEC 60318-4 12.5 mV/Pa ITU-T Rec P.57

GRAS RA0402

40A0 1/2"

20 kHz <u>GRAS RA0401</u>.



Technology

GRAS RA0402 60318-4

10 kHz

10 kHz

13.5 kHz

Q

10 kHz

GRAS

13.5 kHz

20 kHz

IEC60318-4 kHz ± 2.2 dB IEC60318-4

10 kHz 20

THD ITU-

T P.57

GRAS RA0401

- IEC60318-4
- 10 20 kHz ± 2.2 dB
- 13.5 kHz 14 dB

 $\Pi\Pi$

- 10 kHz -- 10 kHz /
- 10 kHz 10 kHz
- 3-5 kHz
- IEC 60318-4
- ITU-T P.57 (08/96) P

GRAS 40A0 1/2"

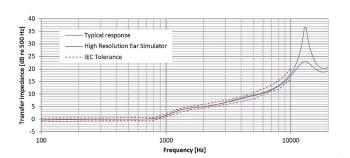
RA0402

13.5 kHz Q 14 dB

20 kHz

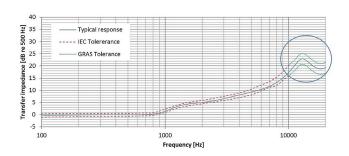
□□□ □□ **60318-4** □□□□□ **RA0402** □□□□□□□
□□

RA0045 RA0402 RA0045 60318-4



1. 60318-4

IEC GRAS 10 20 kHz 2



2. IEC GRAS RA0402

36 dB RA0402 14 dB

RA0402 RA0402

RA0402

GRAS KEMAR

KEMAR

RA0045 KEMAR

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Technology

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RA0402
                RA0045 43AC 43EA
43AG
GRAS 43AC, GRAS 43AE, GRAS 43AG
ITU-T P.57 GRAS
• <u>GRAS RA0056</u>
• GRAS RA0057
  IEC 60318-4
  GRAS
10 kHz
60318-4 10 kHz
              IEC
     60318-4 60711
60318-4 13.5 kHz
      10 kHz
  1/4 "
 RA0402
                    10 kHz 10 kHz
RA0402
RA0402 KEMAR
   RA0402
   RA0402 45CA /
RA0402 CCP
             GRAS 26CA GRAS 26CB
      1/4 "
1/4"
              RA0003
                      RA0001
RA0045 RA0402
```



Specifications

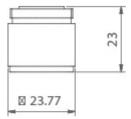
Polarization/Connection		0 V / CCP	
Theoretical dynamic range lower limit with GRAS preamplifier	dB(A)	25	
Theoretical dynamic range upper limit with GRAS preamplifier @ +28 V / ±14 V power supply	dB	153	
Theoretical dynamic range upper limit with GRAS preamplifier @ +120 V / ±60 V power supply	dB	164	
Set sensitivity @ 250 Hz (±3 dB)	dB re 1V/Pa	-38	
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	0.05	
Humidity range non condensing	% RH	0 to 90	
ANSI standard		S3.7	
IEC standard		60318-4 (former 60711)	
ITU-T recommondations		P.57	
CE/RoHS compliant/WEEE registered		Yes/Yes, Yes	
Weight	g / oz	52 / 1.8	

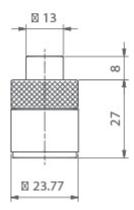


Page: 5

Dimensions

Dimensions in mm





Page: 6

Ordering info

GRAS RA0088		
GRAS GR0433		
GRAS GR0434		
GRAS GR0436		
GRAS GR0437		
GRAS GR0438		
GRAS GR0440		
<u>GRAS RA0056</u>		
GRAS RA0057		
GRAS 26CA	26CA 1/2 CCP	BNC
GRAS 26CB	26CB 1/4 CCP	Microdot
GRAS RA0001	1/2 1/4	
GRAS RA0003	1/2 1/4	

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

GRAS

An Axiometrix Solutions Brand

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