GRAS RA0403





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 RA0403

40BP 1/4

50 kHz

RA0404



Technology

GRAS RA0403	RA0403		
¼ RA0403	<u>GRAS 40BP</u> 1/4		
RA0403 IEC 60318-4	13.5 kHz Q 14 dB		
10 kHz 10 kHz 13.5 kHz Q 10 kHz			
	50 kHz		
RA0403 13.5 kHz 14 dB			
10 kHz	RA0403		
IEC 60318-4 10 kHz IEC 60318-4	GRAS KEMAR		
10 kHz 20 kHz ±2.2 dB 20 kHz 50 kHz	45CA 0000000		
±3.2 dB 50 kHz	RA0403 45CA		
IEC 60318-4	45CA-11 - & LEMO		
KEMAR 45CA-12 - & CCP			
GRAS RA0404	KEMAR		
	RA0403 RA0045 RA0401 KEMAR		
• IEC 60318-4			
• 10 kHz - 20 kHz ±2.2 dB			
• 20 kHz - 50 kHz ±3.2 dB	45BB-15 KEMAR 2 LEMO		
• 13.5 kHz 14 dB	45BC-15 KEMAR 2 LEMO		
• 100 kHz			
	45BB-16 KEMAR 2 CCP		
•	45BC-16 KEMAR 2 CCP		
• 10 kHz10 kHz /	GRAS 43 00000000		
• 10 kHz	RA0403 RA0045 43AG		
• 3-5 kHz	43AG-8 LEMO		



Technology

43AG-9 CCP

43AC

43AC-S6 LEMO 43AC-S7 CCP

60318-4 13.5

kHz 10 kHz 1/4

RA0403 10 kHz

RA0403

RA0403 KEMAR

RA0403

RA0403 45CA /

RA0403 LEMO <u>GRAS 26AC-1</u> 1/4

GRAS 26AS 1/4

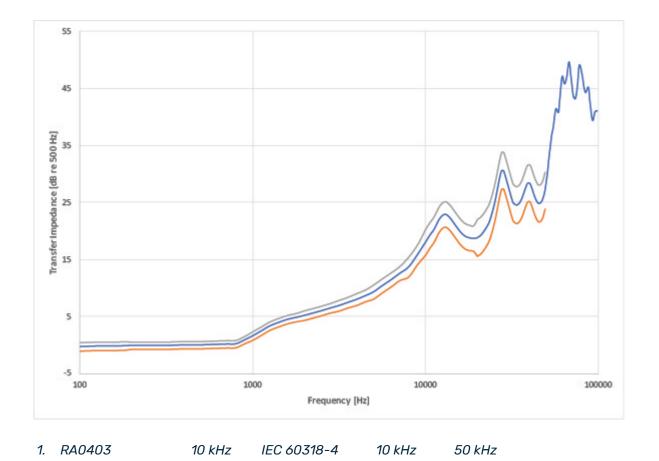
RA0045 RA0403



Specifications

Polarization/Connection		200 V / Traditional
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	169
Theoretical dynamic range upper limit with GRAS preamplifier @ +120 V / ±60 V power supply	dB	172
Set sensitivity @ 250 Hz (±3 dB)	mV/Pa	1,5 mV
Set sensitivity @ 250 Hz (±3 dB)	dB re 1V/Pa	-56,5
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

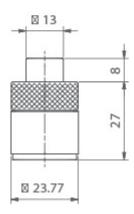




Dimensions

Dimensions in mm





Ordering info

GRAS RA0088	
GRAS GR0433	
GRAS GR0434	
GRAS GR0436	
GRAS GR0437	
GRAS GR0438	
GRAS GR0440	
GRAS 26AC-1	1/4
GRAS 26AS	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

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