

GRAS 40AG

1/2"



3.15 Hz - 20 kHz
20 dBA - 164 dB
12.5 mV/Pa

40AG IEC 61094 WS2P
61094-4
3.15 Hz - 20 kHz

1/2"

IEC
160 dB



40AG IEC 61094 WS2P 1/2"
[40A0]

IEC 61094-4
160 dB 3.15 Hz - 20 kHz

40AG

40AG-FV 1/2"



40AG 200 V
/ 40AG

KEMAR 40AG

40AG

- IEC 60318-1 RA0039
- IEC 60318-5 RA0038 1/2" 2cc
- KEMAR

40AG

- 46AG 1/2"
- IEC 60318-4 RA0045
- IEC 60318-1 RA0039
- IEC 60318-1 & -2 43AA
- IEC 60318-5 43AB 1/2" 2cc
- IEC 60318-4 43AC
- ITU-T Rec. P57 Type 1 43AD
- ITU-T Rec. P57 Type 3.2 43AE

40AG GRAS LEMO



40AG 1/2" 1/4" LEMO 7 LEMO



GRAS 42AG

GRAS 42AP



GRAS

GRAS GRAS

GRAS

GRAS

GRAS GRAS ISO 17025 DANAK

[gras/calib](https://www.gras.com/calib)



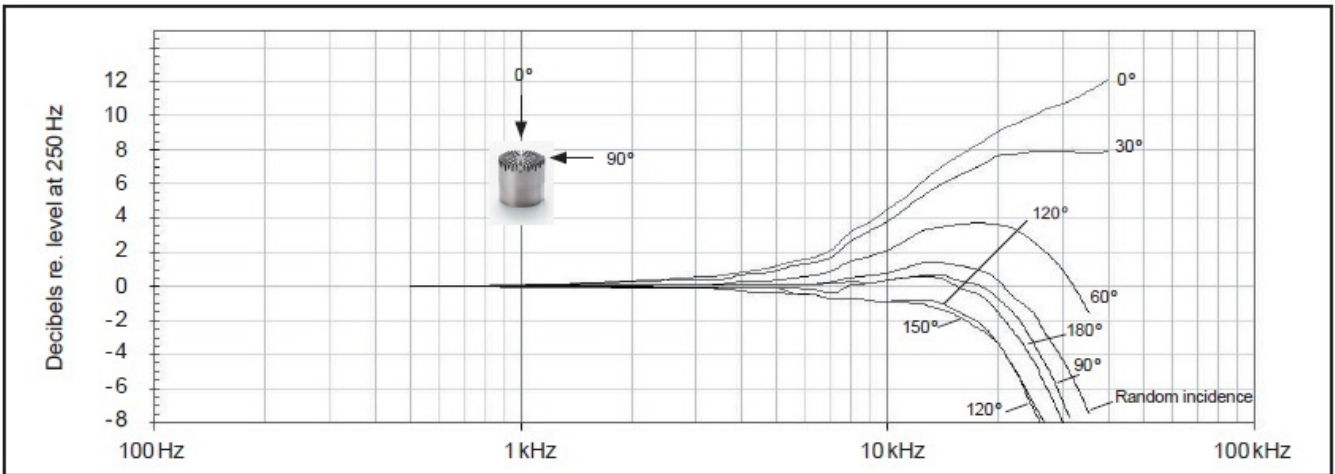
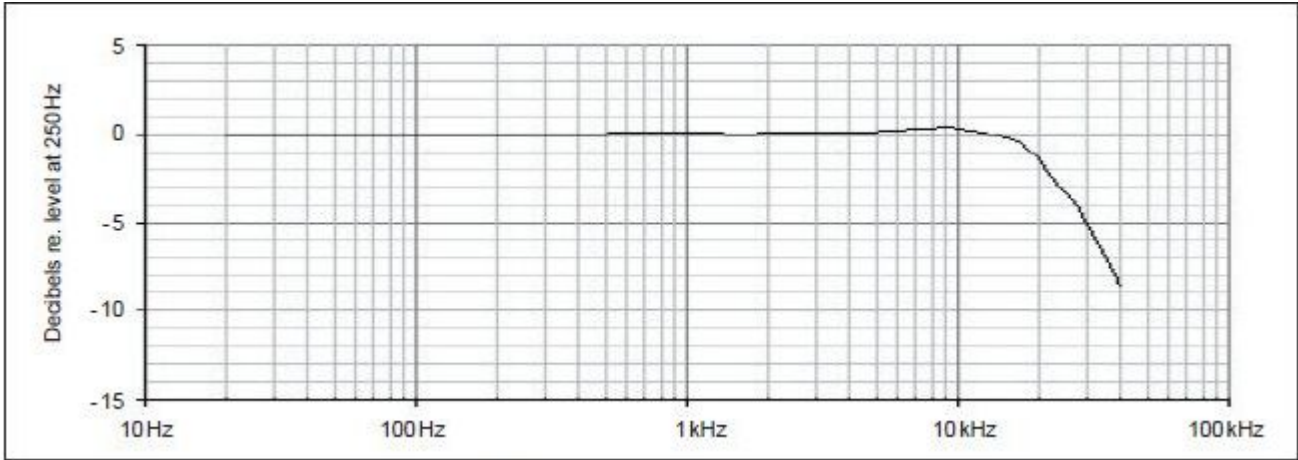
GRAS

GRAS 5



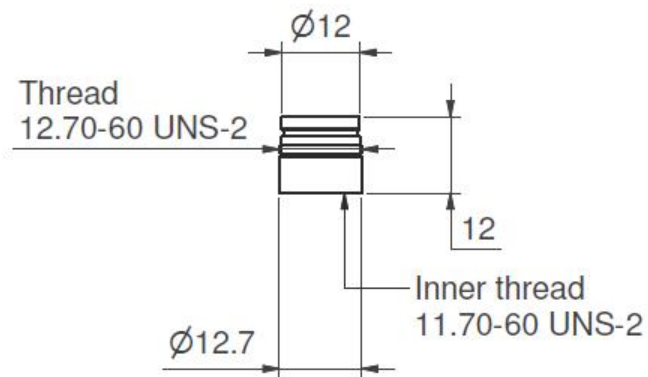
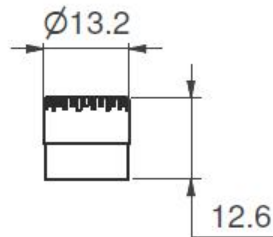
GRAS

Polarization/Connection		200 V / Traditional
Frequency range (± 1 dB)	Hz	5 to 12.5 k
Frequency range (± 2 dB)	Hz	3.15 to 20 k
Dynamic range lower limit (microphone thermal noise)	dB(A)	20
Dynamic range lower limit with GRAS preamplifier	dB(A)	25
Dynamic range upper limit	dB	164
Dynamic range upper limit with GRAS preamplifier @ +28 V / ± 14 V power supply	dB	153
Dynamic range upper limit with GRAS preamplifier @ +120 V / ± 60 V power supply	dB	164
Resonance frequency	kHz	32
Microphone cartridge capacitance, typ.	pF	20
Microphone venting		Rear
Temperature range, operation	$^{\circ}\text{C}$ / $^{\circ}\text{F}$	-40 to 150 / -40 to 302
IEC 61094-4 Designation		WS2P
Temperature range, storage	$^{\circ}\text{C}$ / $^{\circ}\text{F}$	-40 to 85 / -40 to 185
Temperature coefficient @250 Hz	dB/ $^{\circ}\text{C}$ / dB/ $^{\circ}\text{F}$	-0.01 / -0.006
Humidity range non condensing	% RH	0 to 90
Static pressure coefficient @250 Hz	dB/kPa	-0.011
Humidity coefficient @250 Hz	dB/% RH	-0.001
Influence of axial vibration @1 m/s ²	dB re 20 μPa	66
CE/RoHS compliant/WEEE registered		Yes / Yes, Yes
Weight	g / oz	7 / 0.247
Open-circuit sensitivity @250 Hz (± 1.5 dB)	mV/Pa	12.5
Open-circuit sensitivity @250 Hz (± 1.5 dB)	db re 1 V/Pa	-38



GRAS Sound & Vibration

Dimensions in mm



GRAS 40AG	1/2"	" "	
GRAS 40AG-FV	1/2"		
GRAS AF0008	1/4"	1/2"	
GRAS GR0010	1/4"	1/2"	
GRAS RA0001	1/2"	1/4"	(90°)
GRAS RA0003	1/4"	1/2"	
GRAS RA0016	1/2"	20 dB	
GRAS CA0001			
GRAS CA2001			

GRAS Sound & Vibration

GRAS Worldwide

Subsidiaries and distributors in more than 40 countries

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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

grasacoustics.com

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An Axiometrix Solutions Brand