

# GRAS 45BB-3

KEMAR 2 LEMO



(200 V/LEMO)

2  
ANSI S3.36  
ITU-T P.57 3.3  
ITU-T P.58

45BB-3 KEMAR  
1/4" 1/2" CCP  
KEMAR 2 CCP

1/2"  
[GRAS 45BB-4 KEMAR](#)



KEMAR Knowles 1972  
[KEMAR.us](http://KEMAR.us) ANSI  
S3.36/ASA58-2012 IEC 60318-7:2011

KEMAR KEMAR GRAS

45BB KEMAR 45BB KEMAR  
KEMAR 45BB KEMAR  
KEMAR

45BB-3 KEMAR ½

USB

45BB-3 GRAS 40AG ½ KB0090/KB0091  
(VA )

40AG 1/2

40AG IEC 61094 WS2P ½ IEC  
61094-4 3.15 Hz - 20 kHz 160  
dB

40AG

KB0090/KB0091

KB0090 KB0091 VA 55 Shore 00 IEC  
60318-7

" "



KEMAR 2  
KEMAR 5 6

Connector type		7-pin LEMO (FGG.1B.307)
Set sensitivity @ 250 Hz ( $\pm 2$ dB)	mV/Pa	12.5
Set sensitivity @ 250 Hz ( $\pm 2$ dB)	dB re 1V/Pa	-38.5
Theoretical dynamic range lower limit with GRAS preamplifier	dB(A)	25
Theoretical dynamic range upper limit with GRAS preamplifier @ +28 V / $\pm 14$ V power supply	dB	153
Theoretical dynamic range upper limit with GRAS preamplifier @ +120 V / $\pm 60$ V power supply	dB	160
Temperature range, operation	$^{\circ}\text{C} / ^{\circ}\text{F}$	-30 to 60 / -22 to 140
Temperature range, storage	$^{\circ}\text{C} / ^{\circ}\text{F}$	-40 to 65 / -40 to 149
Humidity range non condensing	% RH	0 to 95%
ANSI standard		S3.36
Weight	g / oz	11.45 k / 404

## GRAS Sound & Vibration

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<a href="#">GRAS 45BB</a>	KEMAR
<a href="#">GRAS KB0090</a>	KEMAR , 55 Shore 00 (VA/SQ)
<a href="#">GRAS KB0091</a>	KEMAR , 55 Shore 00 (VA/SQ)
GRAS RA0241	KEMAR 1/2 (2 )
<a href="#">GRAS 40AG</a>	1/2 , (2 )
GRAS 26AS	1/4 , , 0.4 m (2 )
<a href="#">GRAS RA0003</a>	1/4 1/2 (2 )
<a href="#">GRAS AA0008</a>	LEMO 7 - LEMO 7 , 3 m (2 )

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<a href="#">GRAS 12AK</a>	, SysCheck
<a href="#">GRAS 12AD</a>	
<a href="#">GRAS 12AA</a>	, SysCheck
<a href="#">GRAS 12AR</a>	
<a href="#">GRAS 12AQ</a>	, PC

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GRAS KB0060-S1	KEMAR , SQ, 55 Shore 00
GRAS KB0061-S1	KEMAR , SQ, 55 Shore 00
GRAS KB1060-S1	KEMAR , SQ, 35 Shore 00
GRAS KB1061-S1	KEMAR , SQ, 35 Shore 00
<a href="#">GRAS KB0060</a>	KEMAR , 55 Shore 00
<a href="#">GRAS KB0061</a>	KEMAR , 55 Shore 00

<a href="#">GRAS KB0065</a>	KEMAR , 55 Shore 00
<a href="#">GRAS KB0066</a>	KEMAR , 55 Shore 00
<a href="#">GRAS KB1060</a>	KEMAR , 35 Shore 00
<a href="#">GRAS KB1061</a>	KEMAR , 35 Shore 00
<a href="#">GRAS KB1065</a>	KEMAR , 35 Shore 00
<a href="#">GRAS KB1066</a>	KEMAR , 35 Shore 00
<a href="#">GRAS KB0090</a>	KEMAR (VA /SQ), 55 Shore 00
<a href="#">GRAS KB0091</a>	KEMAR (VA /SQ), 55 Shore 00
<a href="#">GRAS KB1090</a>	KEMAR (VA ), 35 Shore 00
<a href="#">GRAS KB1091</a>	KEMAR (VA ), 35 Shore 00
GRAS KB5000	KEMAR , 35 Shore 00
<a href="#">GRAS KB5001</a>	KEMAR , 35 Shore 00

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<a href="#">GRAS KB0110</a>	2 mm
<a href="#">GRAS KB0111</a>	3 mm

## □□□□□□□□□□□□ (□□□2□□□□□)

GRAS RA0237	KEMAR
<a href="#">GRAS RA0238</a>	KEMAR VA-
GRAS RA0239	KEMAR
GRAS RA0240	KEMAR 1/2
GRAS RA0241	KEMAR 1/2
GRAS RA0243	KEMAR 1/2
GRAS RA0244	KEMAR 0 , 2
GRAS RA0249	KEMAR , POM ,
GRAS RA0250	KEMAR , POM ,

## KEMAR □□□□□□□□□□□□

<a href="#">GRAS RA0311</a>	KEMAR : 2 3 mm
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<a href="#">GRAS AA0008</a>	LEMO 7 - LEMO 7 , 3 m
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<a href="#">GRAS AA0009</a>	LEMO 7 - LEMO 7 , 10 m
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GRAS KM0094	KEMAR PELI
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## KEMAR □□□□

GRAS KB3000	KEMAR
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GRAS KB3001	KEMAR
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## KEMAR □□

GRAS AL0026	KEMAR , Ø 35 mm
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GRAS KB0000	KEMAR
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GRAS KB0010	KEMAR T
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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](http://www.grasacoustics.com)

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