

# SME

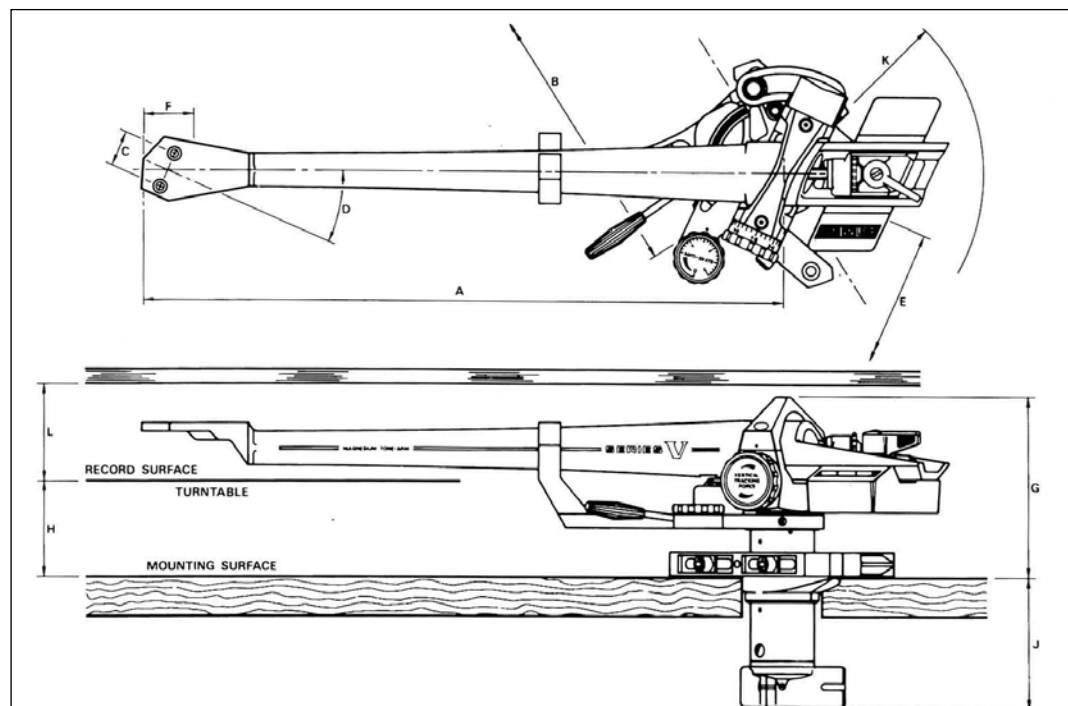
*Since 1946*



SERIES V

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- ☆ Unique one-piece pressure die-cast tone-arm utilises the advantages of magnesium.
- ☆ Internal constrained layer damps minute residual vibration leaving the tone-arm acoustically inert.
- ☆ Fine machined cartridge platform, enamel free to avoid interface resonance.
- ☆ Stainless cross shaft, ground and thread ground. Carried in massive yoke on Ø10mm ball races. Axis at record mean level to minimise warp-wow.
- ☆ Dynamic balance. Graduated vertical tracking force (VTF) control applies 0.3g x 0.125g through resonance controlled spring.
- ☆ Stainless vertical shaft, ground and thread ground, with integral Ø16mm flange to couple shaft and yoke.
- ☆ Ø23mm steel pillar, heat treated, ground and honed, carries two Ø17mm ball races widely spaced to resist tilt.
- ☆ Anti-skate operates through tension spring and filament. Dial corresponds with VTF and has a positive OFF position.
- ☆ Lowering/raising control gives smooth positive action. Height of lift can be adjusted.
- ☆ Subsonic lateral-mode damper can be instantly adjusted or cancelled.
- ☆ Dual-lock base provides movement control with high rigidity.
- ☆ Tungsten-alloy balance carried on damped two-point suspension. Extra low-inertia design assists warp riding.
- ☆ Underslung weight housing corrects centre of gravity and provides non-reflective termination.
- ☆ Swivelling damped output-socket minimises vibration transmission in sub-chassis use.
- ☆ Fine adjustment of arm height (VTA).
- ☆ Reference lines on tone-arm facilitate VTA setting.
- ☆ Fine adjustment of horizontal tracking angle (HTA).
- ☆ New design alignment protractor sets HTA with great accuracy.
- ☆ Advanced jig/template system guarantees correct positioning.



## DIMENSIONS

	mm				
A – Distance from pivot to stylus	233.15				
B – Distance from pivot to turntable centre	215.35				
C – Cartridge fixing centres	12.70				
D – Offset angle	23.635°				
E – Linear offset	93.47				
F – Overhang	17.80				
G – Height above mounting surface	<table border="0" style="font-size: 0.8em;"> <tr> <td style="padding-right: 5px;">{ max</td> <td style="text-align: right;">87.90</td> </tr> <tr> <td style="padding-right: 5px;">{ min</td> <td style="text-align: right;">56.40</td> </tr> </table>	{ max	87.90	{ min	56.40
{ max	87.90				
{ min	56.40				
H – Height of record surface above mounting surface	<table border="0" style="font-size: 0.8em;"> <tr> <td style="padding-right: 5px;">{ max</td> <td style="text-align: right;">57.90</td> </tr> <tr> <td style="padding-right: 5px;">{ min</td> <td style="text-align: right;">26.40</td> </tr> </table>	{ max	57.90	{ min	26.40
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{ min	26.40				
J – Depth below mounting surface	56.75				
K – Radial clearance for balance weight	73.0				
L – Clearance between cabinet lid and record surface, assuming cartridge height at 17.0mm	35.0				

## SPECIFICATION

Effective mass	10.0/11.0g				
Cartridge balance range	4.2-18g				
Vertical tracking force	0-3.0g (30mN)				
Maximum tracking error	0.012°mm				
Null points:	<table border="0" style="font-size: 0.8em;"> <tr> <td style="padding-right: 10px;">Inner</td> <td style="text-align: right;">66.04mm</td> </tr> <tr> <td style="padding-right: 10px;">Outer</td> <td style="text-align: right;">120.9mm</td> </tr> </table>	Inner	66.04mm	Outer	120.9mm
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Outer	120.9mm				
Audio lead:	<table border="0" style="font-size: 0.8em;"> <tr> <td style="padding-right: 10px;">Length</td> <td style="text-align: right;">1.2m</td> </tr> <tr> <td colspan="2" style="padding-top: 5px;">Balanced Silver-hybrid cable with gold plated phono plug connections to amplifier and independent ground system.</td> </tr> </table>	Length	1.2m	Balanced Silver-hybrid cable with gold plated phono plug connections to amplifier and independent ground system.	
Length	1.2m				
Balanced Silver-hybrid cable with gold plated phono plug connections to amplifier and independent ground system.					
Internal wiring:	Ultra-flexible Silver Litz.				
Output plug and socket	DIN 5-pole 240°				
Weight, net	720.0g				

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The Series V precision pick-up arm is available in the UK from leading audio stockists only. Distribution Overseas is made by appointed distributors in the countries concerned. Please contact our Sales Department for further information.