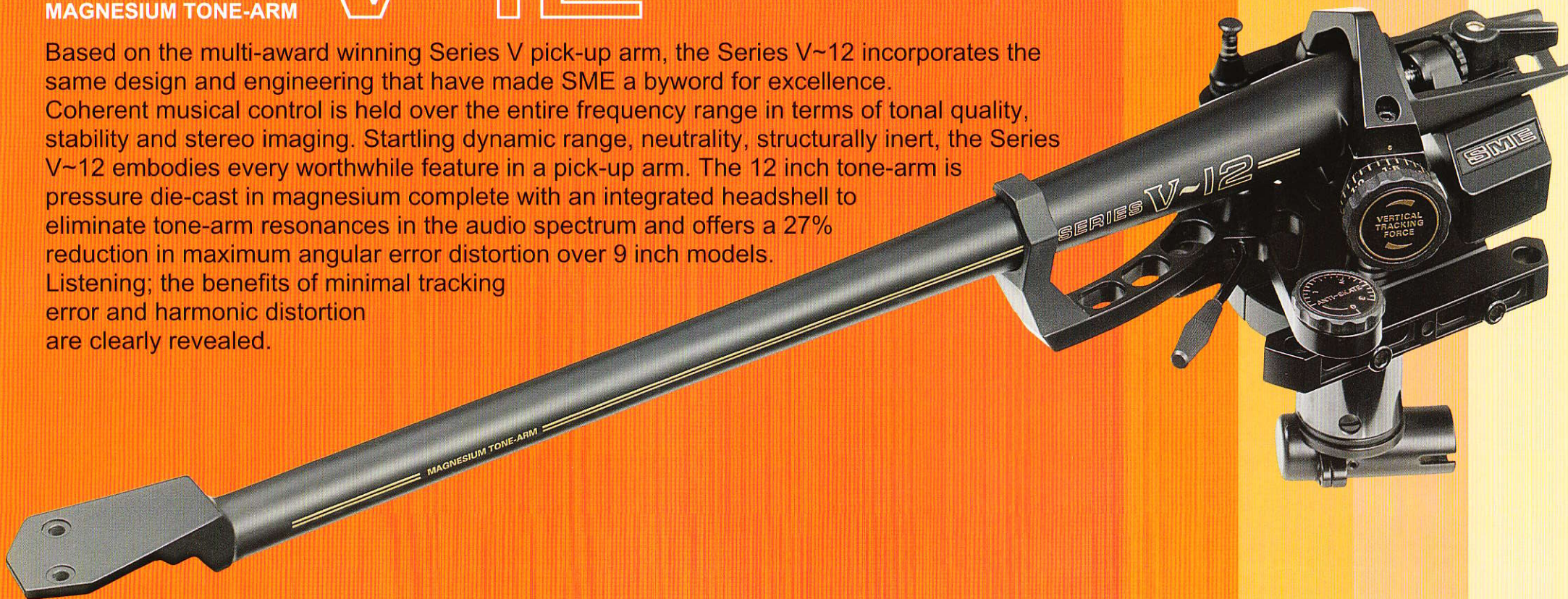


SERIES V~12

MAGNESIUM TONE-ARM

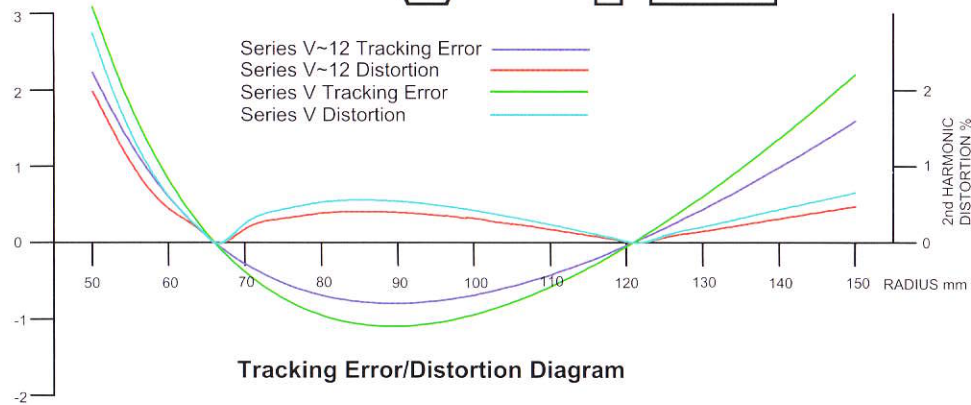
Based on the multi-award winning Series V pick-up arm, the Series V~12 incorporates the same design and engineering that have made SME a byword for excellence. Coherent musical control is held over the entire frequency range in terms of tonal quality, stability and stereo imaging. Startling dynamic range, neutrality, structurally inert, the Series V~12 embodies every worthwhile feature in a pick-up arm. The 12 inch tone-arm is pressure die-cast in magnesium complete with an integrated headshell to eliminate tone-arm resonances in the audio spectrum and offers a 27% reduction in maximum angular error distortion over 9 inch models. Listening; the benefits of minimal tracking error and harmonic distortion are clearly revealed.



SME

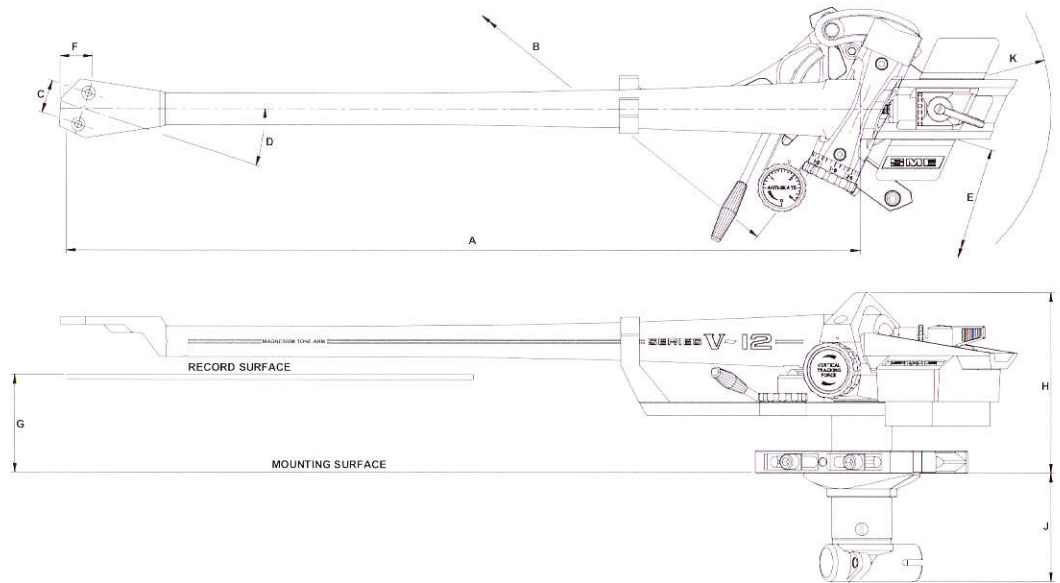
The best pick-up arm in the world

SERIES V~12



Tracking Error/Distortion Diagram

- ★ The 12in pressure die-cast tone-arm utilises the advantages of magnesium and exploits the reduction in maximum tracking error/distortion afforded by the greater arm length when compared with 9in models.
- ★ Internal constrained layer damps minute residual vibration leaving the tone-arm acoustically inert.
- ★ Fine machined cartridge platform, enamel free to avoid interface resonance.
- ★ Stainless steel cross shaft, ground and thread ground. Carried in massive yoke on Ø10mm precision ball races. Axes at record mean level to minimise warp-wow.
- ★ Dynamic balance. Graduated vertical tracking force control applies up to 3.0g x 0.125g VTF through resonance controlled spring.
- ★ Stainless steel 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 precision ball races, widely spaced to resist tilt.
- ★ Anti-skate control 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 two-point suspension. Extra-low inertia design assists warp riding.
- ★ Underslung weight housing corrects centre of gravity and provides non-reflective tone-arm termination.
- ★ Swivelling, damped output socket minimises vibration transmission in sub-chassis use.
- ★ Fine adjustment of horizontal tracking angle (HTA).
- ★ Reference lines on tone-arm facilitate VTA setting.
- ★ Fine adjustment of horizontal tracking angle (HTA).
- ★ Alignment protractor designed to provide HTA setting with greater accuracy.
- ★ Advanced jig/template system guarantees correct positioning.



DIMENSIONS

A - Distance from pivot to stylus	308.80mm
B - Distance from pivot to turntable centre	295.60mm
C - Cartridge fixing centres	12.70mm
D - Offset Angle	17.62°
E - Linear Offset	93.47mm
F - Overhang	13.20mm
G - Height above mounting surface	max. 87.90mm min. 56.40mm
H - Height of record surface above mounting surface	max. 55.90mm min. 24.40mm
J - Depth below mounting surface	56.75mm
K - Radial clearance for balance weight	73.00mm

SPECIFICATIONS

Effective Mass	12.0g
Cartridge balance range	5.0-32.0g
+ One accessory weight – up to	26.5g
+ Two accessory weight – up to	32.0g
Maximum tracking error	0.009°/mm
Null points:	Inner 66.04mm Outer 120.90mm
Internal wiring:	Ultra-flexible Silver litz
Audio lead:	Length 1.2m Balanced Silver-hybrid cable with gold plated phono plug connections to amplifier and independent grounding system.
Weight net:	815.0g

SME
The best pick-up arm in the world

The Series V~12 precision pick-up arm is available in the UK from leading audio stockists only. Global distribution is made by appointed agents in the countries concerned. Please contact our Sales Department for further details.

SME LIMITED · STEYNING · WEST SUSSEX · BN44 3GY · ENGLAND



+044 (0) 1903 814321 · Fx +044 (0) 1903 814269
e-mail – sales@sme.ltd.uk · www.sme.ltd.uk