

# SME

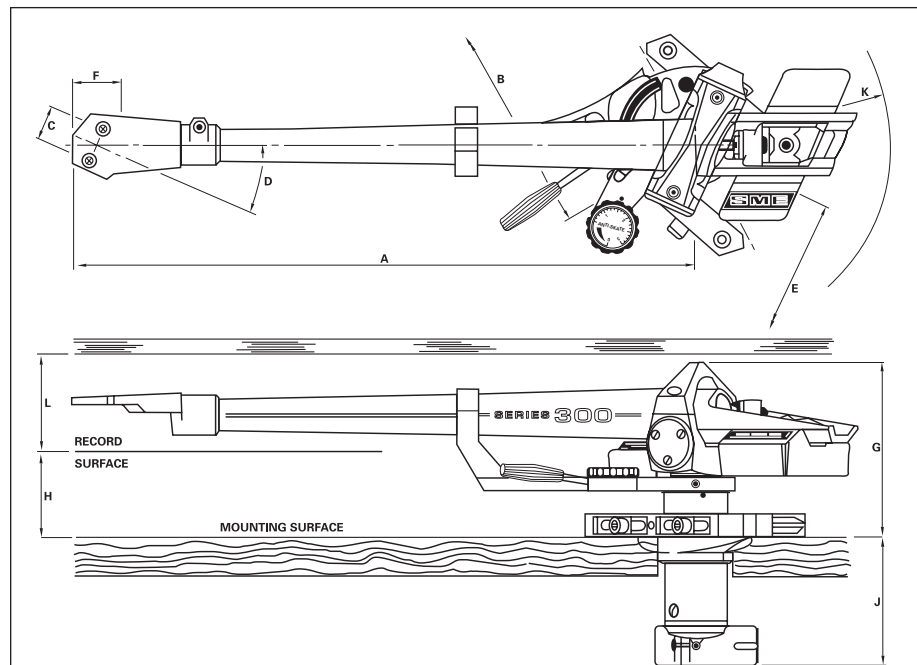
*Since 1946*



SERIES 309

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- ☆ Unique pressure die-cast magnesium shell detachable and interchangeable without disturbing cartridge or wiring.
- ☆ New design clamping arrangement ensures rigid junction with tone-arm.
- ☆ Two-piece ultra-stiff tone-arm reflects sophisticated metalworking techniques.
- ☆ Internal constrained layer damps minute residual vibrations making tone-arm acoustically inert.
- ☆ Stainless steel cross shaft, ground and thread ground. Carried in massive yoke on 10mm precision ball races. Axis at record mean level to minimise warp-wow.
- ☆ Unique assembly gives high rigidity and allows bearings to be critically adjusted before tone-arm is fitted.
- ☆ Stainless steel vertical shaft, ground and thread ground, with integral 16mm diameter flange to couple shaft and yoke.
- ☆ 23mm diameter steel pillar, heat treated, ground and honed, carries two 17mm precision ball races, widely spaced to resist tilt.
- ☆ Anti-skate control operates through tension spring and filament. Dial corresponds with VTF and has positive OFF position.
- ☆ Lowering/raising control gives smooth positive action. Height of lift can be adjusted.
- ☆ Dual-lock base provides movement control with high rigidity.
- ☆ Tungsten-alloy balance weight carried on damped 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.
- ☆ Reference lines on tone-arm facilitate VTA setting.
- ☆ Fine adjustment of horizontal tracking angle (HTA).
- ☆ New design alignment protractor sets HTA with great accuracy.
- ☆ Cartridge leads and internal wiring LCOFC litz.
- ☆ Balanced LCOFC audio lead with gold plated phono plugs.



## DIMENSIONS

|   | <b>309</b>             |
|---|------------------------|
|   | mm                     |
| A – Distance from pivot to stylus   | 232.32                 |
| B – Distance from pivot to turntable centre   | 215.35                 |
| C – Cartridge fixing centres  | 12.70                  |
| D – Offset angle  | 23.204°                |
| E – Linear offset   | 91.54                  |
| F – Overhang  | 16.98                  |
| G – Height above mounting surface   | max 87.90<br>min 56.40 |
| H – Height of record surface above mounting surface                                     | max 55.90<br>min 24.40 |
| 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 17.0 | 37.0                   |

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Series 300 precision pick-up arms are available in the UK from leading audio stockists only. Distribution overseas is made by appointed agents in the countries concerned. Please contact our Sales Department for further information.