

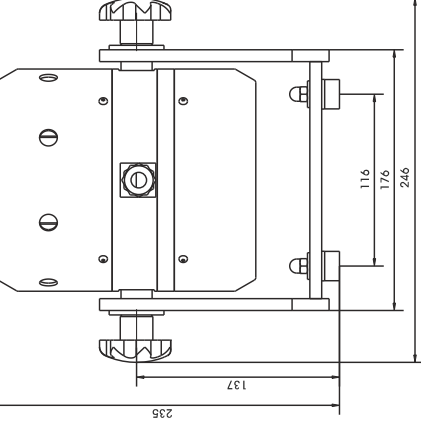
Modal Vibration Test System TV 51110-M

S 51110-M (Example drawing) (mm)

TECHNICAL PARAMETERS Modal exciter S 51110-M

Rated peak force $Sine_{RMS}/Random_{RMS}$
 Frequency range
 Main resonance frequency (free-swinging)
 Max. displacement Peak-Peak
 Max. velocity Sine/Random
 Suspension stiffness
 Effective moving mass
 Weight
 Coupling thread

100/70 N
 5 - 5000 Hz
 > 6000 Hz
 13 mm
 1.5/1.5 m/s
 8 N/mm
 0.23 kg
 12 kg
 M6



SCOPE OF DELIVERY, OPTIONS AND FEATURES OF THE SYSTEM

Scope of delivery:
 Modal exciter 100 N
 Swivel frame
 Power amplifier 120 VA
 Connection cable (3 m)
 Power cable (1.5 m)
 for amplifier (CEE 7/7 connector)

Options:
 Rack for mounting the amplifier
 Cable extension
 Factory acceptance test

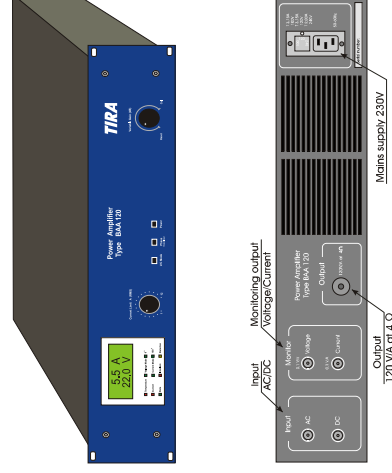
Features:
 Vibration isolation
 Automatic centering of the armature
 High cross-axial stiffness
 Light weight construction by using rare earth magnet
 Minimum maintenance effort
 Made in Germany
 Service hotline



TECHNICAL PARAMETERS Power Amplifier BAA 120

Output power_{RMS}
 Frequency range
 Voltage-Current mode
 Voltage_{RMS} max.
 Current_{RMS} max.
 Load resistance, opt.
 Signal input voltage_{RMS}
 Distortion
 Signal to noise ratio
 Weight
 Dimensions (WxHxD)
 Power supply (Standard)
 Recommended fuse protection (Standard)
 Max. power consumption at 230 V
 Interlocks:

120 VA
 DC - 20 kHz
 yes/yes
 22 V
 5.5 A
 4 Ohm
 < 5 V
 < 0.1 %
 > 90 dB
 16 kg
 483 x 90 x 450 mm
 1 ~ / N / PE 230 V ± 5% 50 Hz
 CEE 7/7
 1.6 A slow
 0.08 kVA
 Overload, Temperature, Clipping



Features:
 High Signal to noise ratio of > 90 dB