

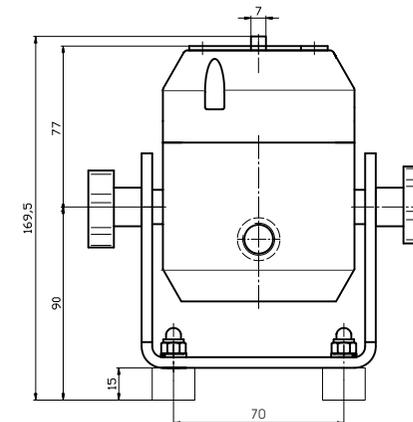
Vibration Test System TV 50018

TECHNICAL PARAMETERS Vibration exciter S 50018

Rated peak force $Sine_{pk}$	18 N
Frequency range	2-20000 Hz
Main resonance frequency	> 13000 Hz
Max. displacement Peak-Peak	5 mm
Max. velocity Sine	1.5 m/s
Max. acceleration Sine	65 g
Suspension stiffness	4.4 N/mm
Effective moving mass	0.028 kg
Weight without/with trunnion	3.7 kg / 5.0 kg
Armature coupling thread size	M4



S 50018 (Example drawing) (mm)



SCOPE OF DELIVERY, OPTIONS AND FEATURES OF THE SYSTEM

Scope of delivery:
Vibration exciter 18 N
Power amplifier 60 VA
Connection cable (3 m(9.8 ft))
Power cable (1.5 m(4.9 ft))
for amplifier (CEE 7/7 connector)

Options:
Trunnion mount (see right picture above)
Rack for mounting the amplifier
Cable extension
Factory acceptance test

Features:
Vibration isolation
Automatic centering of the armature
High cross-axial stiffness
Minimum maintenance effort
Made in Germany
Service hotline

TECHNICAL PARAMETERS Power Amplifier BAA 60

Output power RMS	60 VA
Frequency range	2 Hz - 20 kHz
Voltage-/Current mode	yes/no
Voltage RMS max.	16 V
Current RMS max.	3.8 A
Signal input voltage RMS	< 5 V
Distortion	< 0,1 %
Signal to noise ratio	> 90 dB
Weight	12 kg
Dimensions (WxHxD)	483 x 90 x 450 mm
Power supply (Standard)	1 ~ / N / PE 230 V ± 5% 50 Hz CEE 7/7
Recommended fuse protection (Standard)	16 A slow
Max. power consumption at 230 V	0.05 kVA
Interlocks:	Overload, Temperature, Clipping

Features:
High Signal to noise ratio of >90 dB

